

# Recombinant Human Lysozyme C(LYZ)

Catalog No: #AP70519

Package Size: #AP70519-1 20ug #AP70519-2 100ug #AP70519-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Human Lysozyme C(LYZ)                                                                                                                                                                                                                                                                                                                                                               |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:19-148aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                             |
| Other Names           | 1,4-beta-N-acetylmuramidase C                                                                                                                                                                                                                                                                                                                                                                   |
| Accession No.         | P61626                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 30.7 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | KVFERCELARTLKRLGMDGYRGISLANWMCLAKWESGYNTRATNYNAGDRSTDYGIFQINSRYWCNDGKTP<br>GAVNACHLSCSALLQDNIADAVACAKRVVRDPQGIRAWVAWRNRCQNRDVRQYVQGCGV                                                                                                                                                                                                                                                          |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Background

Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage syst and enhance the activity of immunoagents.

## References

Cloning of human lysozyme gene and expression in the yeast *Saccharomyces cerevisiae*.Castanon M.J., Spevak W., Adolf G.R., Chlebowicz-Sledziowska E., Sledziwski A.Gene 66:223-234(1988)Research Topic:Tags & Cell Markers

Note: This product is for in vitro research use only and is not intended for use in humans or animals.