

## Recombinant human Cathepsin F protein

Catalog No: #AP72284



Package Size: #AP72284-1 20ug #AP72284-2 100ug #AP72284-3 1mg

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant human Cathepsin F protein   |
| Brief Description     | Recombinant Protein   |
| Host Species          | E.coli  |
| Purification          | Greater than 90% as determined by SDS-PAGE.   |
| Immunogen Description | Expression Region:273-484aaSequence Info:Partial  |
| Accession No.         | Q9UBX1  |
| Uniprot               | Q9UBX1  |
| GeneID                | 8722;   |
| Calculated MW         | 27.4 kDa  |
| Tag Info              | N-terminal 6xHis-tagged   |
| Target Sequence       | PEWDWRSKGAVTKVKDQGMCGSCWAFSVTGNVEGQWFLNQGTLTLLSLSEQELLDCDKMDKACMGGLPSNAYSAIKNLGGLLETEDDYSYQGHMQSCNFSAEKAKVYINDSVELSQNEQKLAAWLAKRGPISVAINAFGMQFYRHGISRPLRPLCSPWLIDHAVLLVGYGNRSDVPFWAIKNSWGTDWGEKGYYYLHRGSGACGVNTMASSAVVD   |
| 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

Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.

## References

Molecular cloning and structural and functional characterization of human cathepsin F, a new cysteine proteinase of the papain family with a long propeptide domain.Santamaria I., Velasco G., Pendas A.M., Paz A., Lopez-Otin C.J. Biol. Chem. 274:13800-13809(1999)Research Topic:Immunology

Note: This product is for in vitro research use only