

# Recombinant Bovine Erythropoietin(EPO)

Catalog No: #AP70275

Package Size: #AP70275-1 20ug #AP70275-2 100ug #AP70275-3 1mg

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Product Name          | Recombinant Bovine Erythropoietin(EPO)                                                                                                                                                                                                                                                                                                                                                          |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:26-192aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                             |
| Accession No.         | P48617                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 34.4 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                    |
| Target Sequence       | APARLICDSRVLERYILEAREAENATMGCAEGCSFNENITVPDTKVNIFYAWKRMEVQQQALEVWQGLALLSE<br>AILRGQALLANASQPCEALRLHVDKAVSGLRSLTSLLRALGAQKEAISLPDATPSAAPLRAFTVDALSKLFRIYS<br>NFLRGKLTLYTGEACRRGDR                                                                                                                                                                                                                |
| 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

Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass.

## References

Cloning of a cDNA encoding bovine erythropoietin and analysis of its transcription in selected tissues.Suliman H.B., Majiwa P.A.O., Feldman B.F., Mertens B., Logan-Henfrey L.L.Gene 171:275-280(1996)Research Topic:Others

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