

Recombinant human Neutrophil elastase

Catalog No: #AP72542



Package Size: #AP72542-1 20ug #AP72542-2 100ug #AP72542-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Neutrophil elastase
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:30-267aaSequence Info:Full Length
Other Names	Bone marrow serine protease;Elastase-2Human leukocyte elastase ;HLEMedullasin;PMN elastase
Accession No.	P08246
Uniprot	P08246
GeneID	1991;
Calculated MW	27.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	IVGGRRARPHAWPFMVSLQLRGGHFCGATLIAPNFVMSAAHCVANVNVRAVRVVLGAHNLSRREPTRQVFAV QRIFENGYDPVNLNDIVILQLNGSATINANVQVAQLPAQGRRLGNGVQCLAMGWLLGRNRGIASVLQELNV TVVTSLCRRSNVCTLVRGRQAGVCFGDSGSPLVCNGLIHGIASFVRGGCASGLYPDAFAPVAQFVNWIDSIIQ RSEDNPCPHPRDPDPASRTH
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. 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

Modifies the functions of natural killer cells, monocytes and granulocytes. Inhibits C5a-dependent neutrophil enzyme release and chotaxis.

References

Primary structure of human neutrophil elastase.Sinha S., Watorek W., Karr S., Giles J., Bode W., Travis J.Proc. Natl. Acad. Sci. U.S.A. 84:2228-2232(1987)Research Topic:Signal Transduction

Note: This product is for in vitro research use only