

Neutrophil elastase Recombinant Protein | ELNE recombinant protein

Recombinant Human Neutrophil elastase

CATALOG # AAA309732	HOST E. coli	REACTIVITY Human
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PRODUCT SYNONYMS

Neutrophil elastase; Recombinant Human Neutrophil elastase; Bone marrow serine protease; Elastase-2; Human leukocyte elastase; HLEMedullasin; PMN elastase; ELNE recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer 50% glycerol
Sequence Positions	Full Length, 30-267aa
Sequence	IVGGRRARPH AWPFMVSLQL RGGHFCGATL IAPNFVMSAA HCVANVNVRA VRVVLGAHNL SRREPTRQVF AVQRIFENG YDPVNLLNDIV ILQLNGSATI NANVQVAQLP AQGRRRLNGV QCLAMGWGLL GRNRGIASVL QELNVTVVTS LCRRSNVCTL VRGRQAGVCF GDSGSPLVCN GLIHGIASFV RGGCASGLYP DAFAPVAQFV NWIDSIIQRS EDNPCPHPRD PDPASRTH
Tag Info	N-terminal GST-tagged
Preparation and 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.

ADDITIONAL INFORMATION

Related Product Information for ELNE recombinant protein	Modifies the functions of natural killer cells, monocytes and granulocytes. Inhibits C5a-dependent neutrophil enzyme release and chemotaxis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503549
NCBI GeneID	1991
NCBI Accession #	NP_001963.1
NCBI GenBank Nucleotide #	NM_001972.3
UniProt Accession #	P08246 ; P09649 ; Q6B0D9 ; Q6LDP5
Molecular Weight	52.6 kDa
NCBI Official Full Name	neutrophil elastase preproprotein
NCBI Official Synonym Full Names	elastase, neutrophil expressed
NCBI Official Symbol	ELANE

NCBI Official Synonym Symbols	GE; NE; HLE; HNE; ELA2; SCN1; PMN-E
NCBI Protein Information	neutrophil elastase
UniProt Protein Name	Neutrophil elastase
UniProt Gene Name	ELANE
UniProt Synonym Gene Names	ELA2; HLE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/elane-recombinant-protein-e-coli/309732>