

Neutrophil Elastase Active Protein | ELANE active protein

Purified native Human Neutrophil Elastase protein

CATALOG #
AAA224704

HOST
Human

PRODUCT SYNONYMS

Neutrophil Elastase; Purified native Human Neutrophil Elastase protein; Neutrophil Elastase protein; ELANE active protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 95% pure
Form/Format	Lyophilized powder, salt free. Reconstitute with 50mM Na Acetate, pH5.5 , with 150mM NaCl to the original concentration of 1.27mg/mL.
Concentration	100ug, Lyophilized (varies by lot)
Sequence Length	267
Biohazard	Non-reactive for HbsAg , anti-HCV , anti-HBc, and negative for anti-HIV 1&2. Use standard laboratory procedures when handling this product.
Biological Significance	Neutrophil elastase is a serine proteinase in the same family as chymotrypsin and has broad substrate specificity. Secreted by neutrophils during inflammation, it destroys bacteria and host tissue.
Bioactivity	20-22 units per mg protein
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Upon receipt store at -20 degree C. Avoid repeat freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for ELANE active protein	Proteases; Inhibitors; & Enzymes
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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
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/human-active-protein/neutrophil-elastase/224704>