

Neutrophil Elastase (NE) Recombinant Protein | NE recombinant protein

Recombinant Neutrophil Elastase (NE)

CATALOG # AAA152285	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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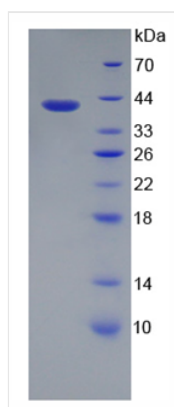
PRODUCT SYNONYMS

Neutrophil Elastase (NE); Recombinant Neutrophil Elastase (NE); NE/Neutrophil Elastase; ELANE; HLE; HNE; ELA2; PMN-E; Neutrophil Elastase; Medullasin; Polymorphonuclear Leukocyte Elastase; Bone Marrow Serine Protease; Human Leukocyte Elastase; PMN Elastase; NE recombinant protein

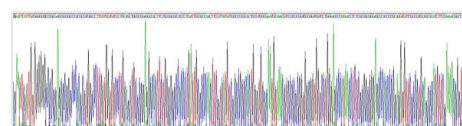
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Ile30~Gln2 47
Applicable Applications for NE recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	8.7
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE



Gene Sequence
Gene Sequencing (extract)

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          I  VGRRRAPH  WPFMVSLQLR
GGHFCGATLI  APNFVMSAAH  CVANVNVRAV  RVVLGAHNLS  RREPTQVFA
VQRIFENGVD  PVNLLNDIVI  LQLNGSATIN  ANVQVAQLPA  QGRRLGNGVQ
CLAMGWLLG  RNRGIASVLQ  ELNVTVTSL  CRRSNVCTLV  RGRQAGVCFG
DSGSPLVCNG  LIHGIAFVR  GGCASGLYPD  AFAPVAQFVN  WIDSIIQ

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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for NE recombinant protein

Enzyme & Kinase; Infection immunity; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503549
NCBI GeneID	1991
NCBI Accession #	NP_001963.1
NCBI GenBank Nucleotide #	NM_001972.2
UniProt Accession #	P08246; P09649; Q6B0D9; Q6LDP5
Molecular Weight	28,518 Da
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; elastase-2; medullasin; PMN elastase; leukocyte elastase; elastase 2, neutrophil; human leukocyte elastase; polymorphonuclear elastase; bone marrow serine protease; granulocyte-derived elastase
UniProt Protein Name	Neutrophil elastase
UniProt Gene Name	ELANE
UniProt Synonym Gene Names	ELA2; HLE
UniProt Entry Name	ELNE_HUMAN

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-wb-western-blot-sds-page-immunogen-positive-control/152285>