

Recombinant Human ELANE protein, His-tagged

Cat. No. ELANE-7446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELANE protein(P08246)(30-267aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	30-267a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

IVGGRRARPHAWPFMVSLQLRGGHFCGATLIAPNFVMSAAHCVANVNVRAVRVVL
GAHNLSRREPTRQVFVAVQRIFENGYPVNLLNDIVILQLNGSATINANVQVAQLPAQ
GRRLGNGVQCLAMGWGLLGRNRGIASVLQELNVTVVTSLCRRSNVCTLVGRGRQAG
VCFGDSGSPLVCNGLIHGIASFVRGGCASGLYPDAFAPVAQFVNWIDSIIQRSEDNP
CPHPRDPDPASRTH

GENE INFORMATION

Gene Name

ELANE elastase, neutrophil expressed [Homo sapiens]

Official Symbol

ELANE

Synonyms

ELANE; elastase, neutrophil expressed; ELA2, elastase 2, neutrophil; neutrophil elastase; HLE; HNE; leukocyte elastase; medullasin; NE; elastase-2; PMN elastase; elastase 2, neutrophil; human leukocyte elastase; polymorphonuclear elastase; bone marrow serine protease; granulocyte-derived elastase; GE; ELA2; SCN1; PMN-E;

Gene ID

1991

mRNA Refseq

NM_001972

Protein Refseq

NP_001963

MIM

130130

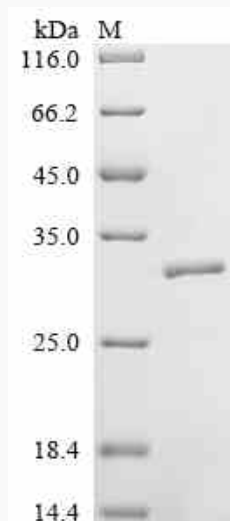
UniProt ID

P08246

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SDS-PAGE

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