

Active Native Human ELANE Protein

Cat. No. ELANE-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native human ELANE protein was purified from human neutrophils.
Species	Human
Source	Human Neutrophils
Form	Liquid
Bio-activity	> 40 U/mL
Purity	> 96% (SDS-PAGE)
Unit Definition	One unit will hydrolyze one micromole of methoxy succinyl-alanine-alanine-proline-valine-p-nitroanilide per minute at 37 centigrade and pH 7.5.
Storage	2-8 centigrade.
Concentration	1.0 - 1.5 mg/mL (Coomassie)
Storage Buffer	0.2 micron filtered solution in 0.05 M sodium acetate, 0.6 M sodium chloride, pH 5.5.

GENE INFORMATION

Gene Name	ELANE
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Official Symbol	ELANE elastase, neutrophil expressed [Homo sapiens (human)]
Synonyms	ELANE; elastase, neutrophil expressed; GE; NE; HLE; HNE; ELA2; SCN1; PMN-E; neutrophil elastase; PMN elastase; bone marrow serine protease; elastase 2, neutrophil; elastase-2; granulocyte-derived elastase; leukocyte elastase; medullasin; polymorphonuclear elastase; EC 3.4.21.37
Gene ID	1991
mRNA Refseq	NM_001972
Protein Refseq	NP_001963
MIM	130130
UniProt ID	P08246

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