

Elastase 3B (ELA3B) Recombinant Protein | ELA3B recombinant protein

Recombinant Elastase 3B (ELA3B)

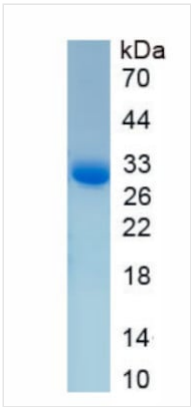
CATALOG # AAA134674	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

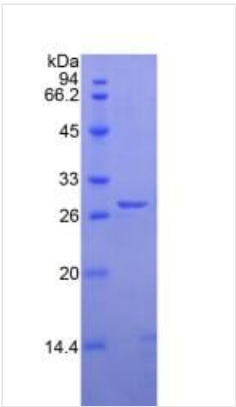
Elastase 3B (ELA3B); Recombinant Elastase 3B (ELA3B); ELA3B recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for ELA3B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val29~His270
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE



SDS-PAGE

VV NGEAVPYSW PWQVSLQYEK
SGSFYHTCGG SLIAPDHWVT AGHCSSRT YQVVLGEYDR AVKEGPEQVI
PINSGLFVH PLWNRSCVAC GNDIALIKLS RSAQLGDAVQ LASLPPAGDI
LPNETPCYIT GWGRLYTNGP LPDKLQEALL PVVDYEHCSR WNMWGSSVKK
TMVCAGGDIR SGCNGDSGGP LNCPTEDGGW QVHGVTSEFS AFGNTRRKP
TVFTRVSAFI DWIEETIASH

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679625
NCBI GeneID	23436
NCBI Accession #	NP_031378.1
NCBI GenBank Nucleotide #	NM_007352.2
UniProt Accession #	P08861; P11423; Q5VU28; Q5VU29; Q5VU30; B2RE44
Molecular Weight	Predicted Molecular Mass: 27.6kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	chymotrypsin-like elastase family member 3B preproprotein
NCBI Official Synonym Full Names	chymotrypsin-like elastase family, member 3B
NCBI Official Symbol	CELA3B
NCBI Official Synonym Symbols	E1; CBPP; EL-1; ELA3B
NCBI Protein Information	chymotrypsin-like elastase family member 3B; elastase 1; protease E; elastase-3B; proteinase E; elastase IIIB; fecal elastase 1; pancreatic elastase 1; elastase 3B, pancreatic; pancreatic endopeptidase E; cholesterol-binding pancreatic protease
UniProt Protein Name	Chymotrypsin-like elastase family member 3B
UniProt Gene Name	CELA3B
UniProt Synonym Gene Names	ELA3B
UniProt Entry Name	CEL3B_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.