

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

Recombinant Elastase 3B (ELA3B)

CATALOG # AAA134689	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, 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
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSNSEF-VV NGEDAVPYSW PWQVSLQYEK DGSFHHTCGG TLIAPDWVMT AGHCISTSRT YQVVLGEFER GVEEGPEQVI PVNAGDLFVH PKWNSNCVSC GNDIALVKLS RSAQLGDTVQ LACLPPAGEI LPNGAPCYIS GWGRLSTNGP LPDKLQQALL PVVDYAHCSK WDWWGFSVKK TMVCAGGDIQ SGCNGDSGGP LNCPAENGW QVHGVTSFVS SLGCNTLKKP TVFTRVSAFN EWIEETIANN
Sequence Length	269
Applicable Applications for ELA3B recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Val28~Asn269 (Accession # D3ZFG3) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



NCBI AND UNIPROT INFORMATION

NCBI GI #	157821559
NCBI GeneID	298567
NCBI Accession #	NP_001100162.1
NCBI GenBank Nucleotide #	NM_001106692.1
UniProt Accession #	D3ZFG3
Molecular Weight	27.6kDa
NCBI Official Full Name	chymotrypsin-like elastase family member 3B
NCBI Official Synonym Full Names	chymotrypsin-like elastase family, member 3B
NCBI Official Symbol	Cela3b
NCBI Official Synonym Symbols	Ela3b
NCBI Protein Information	chymotrypsin-like elastase family member 3B; elastase 3B, pancreatic
UniProt Protein Name	Elastase 3B, pancreatic (Predicted), isoform CRA_b
UniProt Gene Name	Cela3b
UniProt Synonym Gene Names	Ela3b_predicted
UniProt Entry Name	D3ZFG3_RAT

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.