

Elastase 1 Recombinant Protein | ELA1 recombinant protein

Recombinant Elastase 1, Pancreatic (ELA1)

CATALOG # AAA144322	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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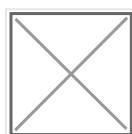
PRODUCT SYNONYMS

Elastase 1; Recombinant Elastase 1; Pancreatic (ELA1); ELA1 recombinant protein

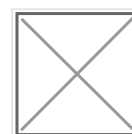
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag. Its sequence is listed below. SGGSRYPH TCGGTLIRQN WVMTAAHCVD YQKTRVVAG DHNLSQNDGT EQYVSVQKIV VHPYWNNDNV AAGYDIALLR LAQSVTLNSY VQLGVLPQEG AILANNPCY ITGWGKTKTN GQLAQLQQA YLPSVDYAIC SSSSYWGSTV KNTMVCAGGD GVRSGCQGDS GGPLHCLVNG KYSVHGVTSF VSSRGCNVSF KPTVFTQVSA YISWINNVIA SN
Sequence Length	302
Applicable Applications for ELA1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	53.4kDa
Accurate Molecular Mass (KD)	53kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Homo sapiens (Human)
Fragment	Ser40~Asn258
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the target protein. 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 of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	328677219
Molecular Weight	31,457 Da
NCBI Official Full Name	elastase 1, partial
UniProt Protein Name	Elastase 1
UniProt Entry Name	F5BZS2_EPIBR

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/elastase-1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144322>