

Elastase 4 (ELA4) Recombinant Protein | ELA4 recombinant protein

Recombinant Elastase 4 (ELA4)

CATALOG # AAA135535	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

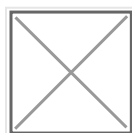
PRODUCT SYNONYMS

Elastase 4 (ELA4); Recombinant Elastase 4 (ELA4); ELA4 recombinant protein

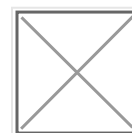
PRODUCT SPECIFICATIONS

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 sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-VV GGEDAVPNSW PWQVSLQYLK DDTWRHTCGG SLITTSHVLT AAHCINKDFT YRVGLGKYNL TVEDEEGSVY AEVDTIYVHE KWNRLFLWND IAIKLAEPV ELSNTIQVAC IPEEGSLLPQ DYPCYVTGWG RLWTNGPIAE VLQQGLQPIV SHATCSRLDW WFIKVRKTMV CAGGDGVISA CNGDSGGPLN CQAEDGSWQV HGIVSFGSSS GCNVHKKPVV FTRVSAYNDW INEKIQL
Sequence Length	268
Applicable Applications for ELA4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Val30~Leu268 (Accession # P55091) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.9
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 lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	117647210
NCBI GeneID	362653
NCBI Accession #	NP_001071117.1
NCBI GenBank Nucleotide #	NM_001077649.2
UniProt Accession #	P55091; Q63188
Molecular Weight	30.3kDa
NCBI Official Full Name	chymotrypsin-C
NCBI Official Synonym Full Names	chymotrypsin C (caldecrin)
NCBI Official Symbol	Ctrc
NCBI Protein Information	chymotrypsin-C; caldecrin; preprocaldecrin; serum calcium-decreasing factor
UniProt Protein Name	Chymotrypsin-C
UniProt Gene Name	Ctrc
UniProt Entry Name	CTRC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctrc-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135535>