

Protease Recombinant Protein | PRSS2 recombinant protein

Recombinant Protease, Serine 2 (PRSS2)

CATALOG # AAA144368	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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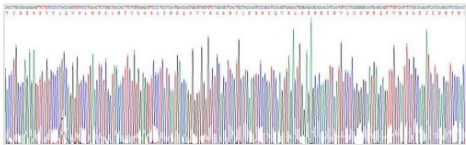
PRODUCT SYNONYMS

Protease; Recombinant Protease; Serine 2 (PRSS2); PRSS2 recombinant protein

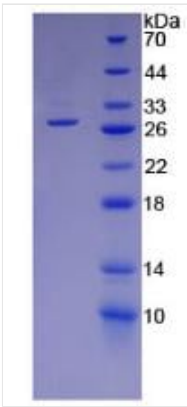
PRODUCT SPECIFICATIONS

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.
Concentration	5.7 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-T CRESSVPYQV SLNAGYHFCG GSLINDQWVV SAAHCYKYRI QVRLGEHNIN VLEGNEQFVD SAKIIRHPNY NSWTLNDIM LIKLASPTL NARVASVPLP SSCAPAGTQC LISGWGNTLS NGVNNPDLLQ CVDAPVLPQA DCEASYPGDI TNNMICVGFL EGGKDSCQGD SGGPVVCNGE LQGIVSWGYG CAQPDAPGVY TKVCNYVDWI Q
Sequence Length	401
Applicable Applications for PRSS2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	26.6kDa
Accurate Molecular Mass (KD)	26kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Mus musculus (Mouse)
Fragment	Thr29~Gln240
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



Application Data



SDS-PAGE

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TC RESSVPYQVS LNAGYHFCGG
SLINDQWVVS AAHCYKYRIQ VRLGEHNINV LEGNEQFVDS AKIIRHPNYN
SWTLDNDIML IKLASPVTLN ARVASVPLPS SCAPAGTQCL ISGWGNTLSN
GVNNPDLLQC VDAPVLPQAD CEASYPGDIT NNMICVGFLE GGDSCQQDS
GGPVVCNGEL QGIVSWGVC AQPDPAGVYT KVCNIVVDHIQ
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	330034
Molecular Weight	44,352 Da
NCBI Official Full Name	protease, partial
UniProt Protein Name	Protease
UniProt Gene Name	protease
UniProt Entry Name	Q4U254_9ENTO

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/protease-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144368>