

Proteinase 3 (PR3) Recombinant Protein | PR3 recombinant protein

Recombinant Proteinase 3 (PR3)

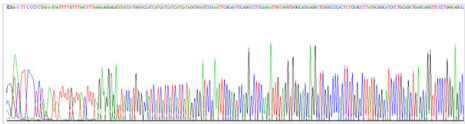
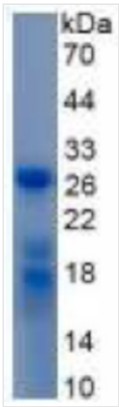
CATALOG # AAA20223	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Proteinase 3 (PR3); Recombinant Proteinase 3 (PR3); PR3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for PR3 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Ala24~Leu249
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted, Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 10mM PBS (pH7.4) 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.



Gene Sequencing (Extract)

SDS-PAGE

AVQASKI VGGHEARPHS RPYVASLQLS
RFPGSHFCGG TLIHPRFVL TAAHCLQDIS QLVTVVLGAH DLLSSEPEQQ
KFTISQVFQN NYNPEENLND VLLLQLNRTA SLGKEVAVAS LPQQDQTLISQ
GTQCLAMGWG RLGTQAPTPT VLQELNVTVV TFLCREHNVC TLVPRRAAGI
CFGDSGGPLI CNGILHGVDV FVIRECASLQ FPDFFARVSM YVDWIQNVL

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981542
NCBI GeneID	19152
NCBI GenBank Nucleotide #	NM_011178.2
Molecular Weight	Predicted Molecular Mass: 26.0kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	myeloblastin
NCBI Official Synonym Full Names	proteinase 3
NCBI Official Symbol	Prtn3
NCBI Official Synonym Symbols	PR3; mPR3
NCBI Protein Information	myeloblastin; PR-3
UniProt Protein Name	Myeloblastin
UniProt Gene Name	Prtn3
UniProt Synonym Gene Names	PR-3
UniProt Entry Name	PRTN3_MOUSE

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.