Proteinase 3 (PR3) Recombinant Protein | PR3 recombinant protein

Recombinant Proteinase 3 (PR3)

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

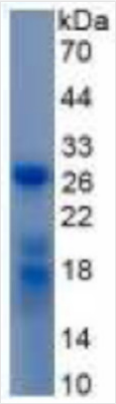
PRODUCT SYNONYMS

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

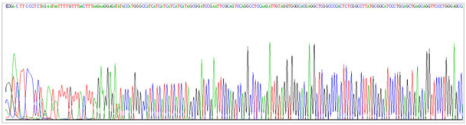
PRODUCT SPECIFICATIONS

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.

IMAGES



SDS-PAGE



Gene Sequencing (Extract)

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RFPGSHFCGG TLIHPRFVLT AAHCLQDISW QLVTVVLGAH DLLSSEPEQQ
KFTISQVFQN NYNPEENLND VLLLQLNRTA SLGKEVAVAS LPQQDQTLSQ
GTQCLAMGWG RLGTQAPTPR VLQELNVTVV TFLCREHNVC TLVPRRAAGI
CFGDSGGPLI CNGILHGVDS FVIRECASLQ FPDFFARVSM YVDWIQNVL
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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.

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Online datasheet: https://stage.aaabiotech.com/prtn3-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20223