

Proteinase 3 (PR3) Recombinant Protein | PR3 recombinant protein

Recombinant Proteinase 3 (PR3)

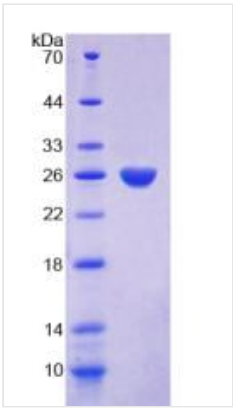
CATALOG # AAA134360	HOST E. coli	REACTIVITY Rat	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Rat
Purity/Purification	>92%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	200µg/mL (varies by lot)
Applicable Applications for PR3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala18~His246
Tags	N-terminal His-Tag
Traits	Freeze-dried powder
Predicted isoelectric point	7.0
Predicted Molecular Mass	26.2kDa
Accurate Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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°C for one month. Aliquot and store at -80°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°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.



Sequence

ALV FGGAVQASKI VGGHEARPHS RPYVASLQLS
RSPGSHFCGG TLIHPRFVLT AAHCLQDISW QLVTVVLGAH DLLSSEPEQQ
KFTITQVFEN NYNPEETLND VLLQLNRPA SLGKQAVAS LPQQDQSLSQ
GTQCLAMGWG RLGRAPTPTP VLHELVNTVV TFLCREHNVV TLVPRRAAGI
CFGDSGGPLI CNGILHGVDV FVIRECASLQ FPDFFARVSM YVNWIIH

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	66730380
NCBI GeneID	314615
NCBI Accession #	NP_001019435.1
NCBI GenBank Nucleotide #	NM_001024264.1
UniProt Accession #	Q8K597
NCBI Official Full Name	myeloblastin
NCBI Official Synonym Full Names	proteinase 3
NCBI Official Symbol	Prtn3
NCBI Protein Information	myeloblastin
UniProt Protein Name	Protein Prtn3
UniProt Gene Name	Prtn3
UniProt Entry Name	Q8K597_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.

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Online datasheet: <https://stage.aaabiotech.com/prtn3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134360>