

Proteinase 3 (PR3) Recombinant Protein | PR3 recombinant protein

Recombinant Proteinase 3 (PR3)

CATALOG # AAA134057	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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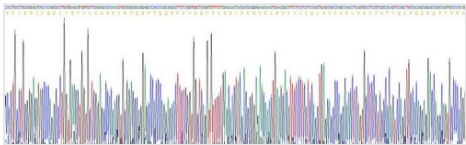
PRODUCT SYNONYMS

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

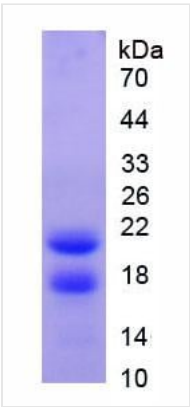
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for PR3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	His71~Leu247
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in ddH2O 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



Application Data



SDS-PAGE

HCLRDIPQRL VNVVLGAHNV RTQPTQQHF
SVAQVFLNNY DAENKLNVDL LIQLSSPANL SASVATVQLP QQDQVPHGT
QCLAMGWGRV GAHDPPAQVL QELNVTVTF FCRPHNICTF VPRRKAGICF
GDSGGPLICD GIIQGIDSFV INGCATRLFP DFFTRVALYV DWIRSTL

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	71361688
NCBI GeneID	5657
NCBI Accession #	NP_002768.3
NCBI GenBank Nucleotide #	NM_002777.3
UniProt Accession #	P24158; P15637; P18078; Q4VB08; Q4VB09; Q6LBM7; Q6LBN2; Q9UD25; Q9UQD8
Molecular Weight	Predicted Molecular Mass: 20.8kDa Accurate Molecular Mass: 21/17kDa 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	MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA
NCBI Protein Information	myeloblastin; C-ANCA antigen; wegenger autoantigen; leukocyte proteinase 3; neutrophil proteinase 4; azurophil granule protein 7; serine proteinase, neutrophil; Wegener granulomatosis autoantigen
UniProt Protein Name	Myeloblastin
UniProt Gene Name	PRTN3
UniProt Synonym Gene Names	MBN; PR-3; PR3; NP-4
UniProt Entry Name	PRTN3_HUMAN

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.