

Perforin 1 (PRF1) Recombinant Protein | PRF1 recombinant protein

Recombinant Perforin 1 (PRF1)

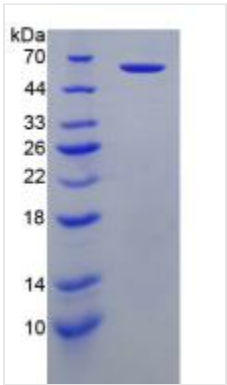
CATALOG # AAA134753	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Perforin 1 (PRF1); Recombinant Perforin 1 (PRF1); PRF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	KRSHKFVPGA WLAGEGVDVT SLRRSGSFPV DTQRFLRPDG TCTLCENALQ EGTQLQLPLA LTNWRAQGSG CQRHVTRAKV SSTEAVARDA ARSIRNDWKV GLDVTPKPTS NVHVSVAGSH SQAANFAAQK THQDQYSFST DTVECRFYSF HVVHTPPLHP DFKRALGDLP HHFNASTQPA YLRLLSNYGT HFIRAVELGG RISALTALRT CELALEGLTD NEVEDCLTVE AQVNIGIHGS ISAEAKACEE KKKKHKMTAS FHQTYRERHS EVVGGHHTSI NDLLF
Applicable Applications for PRF1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Lys32~Phe316
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Secreted, Cytoplasm, Endosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.0
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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	133908621
NCBI GeneID	5551
NCBI Accession #	NP_001076585.1
NCBI GenBank Nucleotide #	NM_001083116.1
UniProt Accession #	P14222; Q59F57; Q86WX7; B2R6X4
Molecular Weight	Predicted Molecular Mass: 63.4kDa Accurate Molecular Mass: 62kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	perforin-1
NCBI Official Synonym Full Names	perforin 1 (pore forming protein)
NCBI Official Symbol	PRF1
NCBI Official Synonym Symbols	P1; PFP; FLH2; PFN1; HPLH2
NCBI Protein Information	perforin-1; cytolyisin; lymphocyte pore forming protein; lymphocyte pore-forming protein
UniProt Protein Name	Perforin-1
UniProt Gene Name	PRF1
UniProt Synonym Gene Names	PFP; P1; PFP
UniProt Entry Name	PERF_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.