

Perforin-1 Recombinant Protein | Prf1 recombinant protein

Recombinant Mouse Perforin-1

CATALOG # AAA113242	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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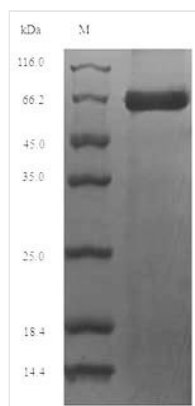
PRODUCT SYNONYMS

Perforin-1; Recombinant Mouse Perforin-1; P1; Cytolysin; Lymphocyte pore-forming protein; Prf1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-554aa; Full Length of Mature Protein
Sequence	PCYTATRSEC KQKHKFVPGV WMAGEGMDVT TLRRSGSFPV NTQRFLRPDR TCTLCKNSLM RDATQRLPVA ITHWRPHSSH CQRNVAAKV HSTEGVAREA AANINNDWRV GLDVNPRPEA NMRASVAGSH SKVANFAAEK TYQDQYNFNS DTVECRMYSF RLVQKPPLHL DFKKALRALP RNFNSSTEHA YHRLISSYGT HFITAVDLGG RISVLTALRT CQLTLNGLTA DEVGDCLNVE AQVSIGAQAS VSSEYKACEE KKKQHKMATS FHQTYRERHV EVLGGPLDST HDLLFGNQAT PEQFSTWTAS LPSNPGLVDY SLEPLHTLLE EQNPKREALR QAISHYIMSR ARWQNC SRPC RSGQHKSSHD SCQCECQDSK VTNQDCCPRQ RGLAHLVVSF FRAEHLWGDY TTATDAYLKV FFGGQEFRTG VVWNNNNPRW TDKMDFENVL LSTGGPLRVQ VWDADYGWDD DLLGSCDRSP HSGFHEVTCE LNHGRVKFSY HAKCLPHLTG GTCLEYAPQG LLGDPPGNRS GAVW
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Prf1 recombinant protein	Plays a key role in secretory granule-dependent cell death, and in defense against virus-infected or neoplastic cells. Can insert into the membrane of target cells in its calcium-bound form, oligomerize and form large pores. Promotes cytolysis and apoptosis of target cells by facilitating the uptake of cytotoxic granzymes.
Product Categories/Family for Prf1 recombinant protein	Immunology
References	"The molecular basis for perforin oligomerization and transmembrane pore assembly." Baran K., Dunstone M., Chia J., Ciccone A., Browne K.A., Clarke C.J.P., Lukoyanova N., Saibil H., Whisstock J.C., Voskoboinik I., Trapani J.A. Immunity 30:684-695(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	225735600
NCBI GeneID	18646
NCBI Accession #	NP_035203.3
NCBI GenBank Nucleotide #	NM_011073.3
UniProt Accession #	P10820
Molecular Weight	61.2 kDa
NCBI Official Full Name	perforin-1
NCBI Official Synonym Full Names	perforin 1 (pore forming protein)
NCBI Official Symbol	Prf1
NCBI Official Synonym Symbols	Pfn; Pfp; Prf-1
NCBI Protein Information	perforin-1
UniProt Protein Name	Perforin-1
UniProt Gene Name	Prf1
UniProt Synonym Gene Names	Pfp; P1
UniProt Entry Name	PERF_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.