

Recombinant Full Length Human PRF1 protein

Cat. No. PRF1-2252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRF1 protein(P14222)(22-555aa), fused to N-terminal MBP tag and C-terminal His tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	22-555 a.a.
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	103.2 kDa
AA Sequence	<p>PCHTAARSECKRSHKRVPGAWLAGEGVDVTSLRSGSFPVDTQRFLRPDGTCTLC ENALQEGTLQRLPLALTNWRAQGSGCQRHVTRAKVSSTEAVARDAARSIRNDWKV GLDVTPKPTSNVHVSVAGSHSQAANFAAQKTHQDQYSFSTDTVECRFYSFHVVHTP PLHPDFKRALGDLPHHFNASTQPAYLRLISNYGTHFIRAVELGGRISALTALRTCELAL EGLTDNEVEDCLTVEAQVNIGIHGSISAEAKACEEKKKKHKMTASFHQTYRERHSEV VGGHHTSINDLLFGIQAGPEQYSAWVNSLPGSPGLVDYTLLEPLHVLLDSQDPRREAL RRALSQYLTDRARWRDCSRPCPPGRQKSPRDPQCVCVCHGSAVTTQDCCPRQRGL AQLEVTFIQAWGLWGDWFTATDAYVKLFFGGQELRTSTVWDNNNPIWSVRLDFGD VLLATGGPLRLQVWDQDSGRDDLLGTCDQAPKSGSHEVRCNLNHGHLKFRYHAR</p>

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CLPHLGGGTCLDYVPQMLLGEPPGNRSGAVW

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name PRF1 perforin 1 (pore forming protein) [Homo sapiens]

Official Symbol PRF1

Synonyms PRF1; perforin 1 (pore forming protein); perforin-1; HPLH2; P1; Perforin; perforin 1 (preforming protein); PFP; cytolysin; lymphocyte pore forming protein; lymphocyte pore-forming protein; FLH2; PFN1; MGC65093;

Gene ID 5551

mRNA Refseq NM_001083116

Protein Refseq NP_001076585

MIM 170280

UniProt ID P14222

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