

Recombinant Full Length Human PRF1 protein

Cat. No. PRF1-26H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRF1 protein(P14222)(22-555aa), fused with two N-terminal tags, His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
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	75.2kDa
AA Sequence	<p>PCHTAARSECKRSHKVFPGAWLAGEGVDVTSLRSGSFPVDTQRFLRPDGTCTLC ENALQEGTLQRLPLALTNWRAQGSGCQRHVTRAKVSSTEAVARDAARSIRNDWKV GLDVTPKPTSNVHVS VAGSHSQAANFAAQKTHQDQYSFSTDTVECRFYSFHVVHTP PLHPDFKRALGDLPHHFNASTQPAYLRLISNYGTHFIRAVELGGRISALTALRTCELAL EGLTDNEVEDCLTVEAQVNIGIHGSISAEAKACEEKKKKHKMTASFHQTYRERHSEV VGGHHTSINDLLFGIQAGPEQYSAWVNSLPGSPGLVDYTLLEPLHVLLDSQDPRREAL RRALSQYLTDRARWRDCSRPCPPGRQKSPRPDPCQCVCHGSAVTTQDCCPRQRGL AQLEVTFIQAWGLWGDWFTATDAYVKLFFGGQELRTSTVWDNNNPIWSVRLDFGD VLLATGGPLRLQVWDQDSGRDDLLGTCDQAPKSGSHEVRCNLNHGHLKFRYHAR</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CLPHLGGGTCLDYVPQMLLGEPPGNRSGAVW

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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_001083116.1

Protein Refseq NP_001076585.1

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MIM 170280

UniProt ID P14222

SDS-PAGE



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