

Recombinant Mouse PRF1 protein, His-tagged

Cat. No. PRF1-192M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PRF1 protein(P10820)(21-554aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-554aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	63.9 kDa
AA Sequence	<pre>PCYTATRSECKQKHKFVPGVWMAGEGMDVTTLRRSGSFPVNTQRFLRPDRTCTLC KNSLMRDATQRLPVAITHWRPHSSHCQRNVAAAKVHSTEGVAREAAAANINNDWRV GLDVNPRPEANMRASVAGSHSKVANFAAEKTYQDQYNFNSDTECRMYSFRLVQK PPLHLDFKKALRALPRNFNSSTEHAHYHRLISSYGTHFITAVDLGGRISVLTALRTCQLT LNGLTADEVGDCLNVEAQVSIQAQASVSSEYKACEEKKKQHKMATSFHQTYRERHV EVLGGPLDSTHDLLFGNQATPEQFSTWTASLPSNPGLVDYSLEPLHTLLEEQNPKR EALRQAISHYIMSRARWQNCSRPCRSGQHKSSHDSQCCECQDSKVTNQDCCPRQ RGLAHLVVSNFRAEHLWGDYTTATDAYLKVFFGGQEFRTGVVWNNNNPRWTDKM DFENVLLSTGGPLRVQVWDADYGWDDDLLGSCDRSPHSGFHEVTCELNHGRVKFS</pre>

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YHAKCLPHLTGGTCLEYAPQGLLGDPGPNRSGAVW

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

Storage Store at -20°C upon receipt, aliquoting is necessary for multiple 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) [*Mus musculus*]

Official Symbol PRF1

Synonyms PRF1; perforin-1; P1; cytolysin; Pfn; Pfp; Prf-1;

Gene ID 18646

mRNA Refseq NM_011073

Protein Refseq NP_035203

UniProt ID P10820

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