

Recombinant Human PRPS1L1 protein, His-tagged

Cat. No. PRPS1L1-3722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRPS1L1 protein(1-318 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-318 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MPNIKIFSGSSHQDLSQKIADRLGLELGKVVTKKFSNQETCVEIDESVRGEDVYIVQS GCGEINDSLMELLIMINACKIASASRVTAVIPCFPYARQDKKDKSRSPISAKLVANMLS IAGADHIITMDLHASQIQGFFDIPVDNLYAEPTVLKWIRENIPEWKNCIIVSPDAGGAK RVTSIADQLNVDFALIHKKERKKANEVDCIVLVGDVNDRVAILVDDMADTCVTICLAAD KLLSAGATRVYAILTHGIFSGPAISRINTACFEAVVVTNTIPQDDKMKHCSKIRVIDISMI LAEAIRRTHNGESVSYLFSHVPL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

PRPS1L1 phosphoribosyl pyrophosphate synthetase 1-like 1 [Homo sapiens]

Official Symbol

PRPS1L1

Synonyms

PRPS1L1; phosphoribosyl pyrophosphate synthetase 1-like 1; PRPSL; ribose-phosphate pyrophosphokinase 3; PRPS3; PRPS1-like 1; ribose-phosphate pyrophosphokinase III; phosphoribosyl pyrophosphate synthase III; phosphoribosyl pyrophosphate synthase 1-like 1; phosphoribosylpyrophosphate synthetase subunit III; ribose-phosphate diphosphokinase catalytic chain III; PRPS1; PRS-III;

Gene ID

221823

mRNA Refseq

NM_175886

Protein Refseq

NP_787082

MIM

611566

UniProt ID

P21108

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