

Recombinant Human PRPS1L1, GST-tagged

Cat. No. PRPS1L1-1983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRPS1L1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-318aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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	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
Chromosome Location	7p21.1
Pathway	5-Phosphoribose 1-diphosphate biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; PRPP biosynthesis I, organism-specific biosystem; PRPP biosynthesis, ribose 5P =>PRPP, organism-specific biosystem;
Function	ATP binding; kinase activity; magnesium ion binding; nucleotide binding; protein homodimerization activity; ribose phosphate diphosphokinase activity; ribose phosphate diphosphokinase activity; transferase activity;