

# Human PRPS1 Recombinant Protein



RPPB2637

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## Product Information    Protein Information

**Product SKU:**

RPPB2637

**Accession:**

P60891

**Host:**

Escherichia Coli.

**Protein description:**

PRPS1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 338 amino acids (1-318 a.a.) and having a molecular weight of 36.9kDa. The PRPS1 is fused to 20 a.a His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

ARTS, CMTX5, PPRibP, PRSI, DFN2, Ribose-phosphate pyrophosphokinase 1, DFNX1, Phosphoribosyl pyrophosphate synthase I, PRS-I, PRPS1, KIAA0967.

**Formulation:**

The PRPS1 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 1mM DTT and 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MPNIKIFSGS SHQDLSQKIA DRLGLELGKV VTKKFSNQET CVEIGESVRG  
EDVYIVQSGC GEINDNLMEI LIMINACKIA SASRVAVIP CFPYARQDKK DKSRAPISAK LVANMLSVAG  
ADHIITMDLH ASQIQGFFDI PVDNLYAEPV VLKWIRENIS EWRNCTIVSP DAGGAKRVTS IADRLNVDFV  
LIHKERKKAN EVDRMVLVGD VKDRVAILVD DMADTCGTIC HAADKLLSAG ATRVYAILTH GIFSGPAISR  
INNACFEAVV VTNTIPQEDK MKHCSKIQVI DISMILAEAI RRTHNGESVS YLFSHVPL.