

# Human PPA2 Recombinant Protein



RPPB2150

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## Product Information    Protein Information

**Product SKU:**

RPPB2150

**Accession:**

Q9H2U2

**Host:**

Escherichia Coli.

**Protein description:**

PPA2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 325 amino acids (33-334 a.a) and having a molecular mass of 37.1kDa.PPA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

PPA2, Pyrophosphatase-2, Inorganic pyrophosphatase 2, mitochondrial, PPase 2, Pyrophosphatase SID6-306, Pyrophosphate phospho-hydrolase 2, HSPC124, Pyrophosphatase (inorganic) 2, SID6-306, Inorganic pyrophosphatase 2, mitochondrial isoform 1.

**Formulation:**

PPA2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol, 1mM DTT.

**Purity:**

Greater than 95.0% 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 SSGLVPRGSH MGSALYHTEE RGQPCSQNYR LFFKNVTGHY ISPFHDIPLK VNSKEENGIP  
MKKARNDEYE NLFNMIVEIP RWTNAKMEIA TKEPMNPIKQ YVKDGKLRVY ANIFPYKGYI WNYGTLPQTW  
EDPHEKDKST NCFGDNPID VCEIGSKILS CGEVIHVKIL GILALIDEGE TDWKLIANA NDPEASKFHD  
IDDVKKFKPG YLEATLNWFR LYKVPDGKPE NQFAFNGEFK NKAFALEVIK STHQCWKALL MKKCNGGAIN  
CTNVQISDSP FRCTQEEARS LVESVSSSPN KESNEEEQVW HFLGK.