

Human PPA1 Recombinant Protein



RPPB2149

Product Information Protein Information

Product SKU:

RPPB2149

Accession:

Q15181

Host:

E.coli.

Protein description:

PPA1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (1-289) and having a molecular mass of 35.2kDa. PPA1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Pyrophosphatase (inorganic) 1, PP, PP1, IOPPP, SID6-8061, Pyrophosphate phospho-hydrolase, PPase, cytosolic inorganic pyrophosphatase, diphosphate phosphohydrolase, inorganic diphosphatase, EC 3.6.1.1.

Formulation:

The PPA1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 20% glycerol.

Purity:

Greater than 95% 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 MGSMSGFST EERAAPFSLE YRVFLKNEKG QYISPFHDIP IYADKDFHFM
VVEVPRWSNA KMEIATKDPL NPIKQDVKKG KLRYVANLFP YKGYIWNYGA IPQTWEDPGH NDKHTGCCGD
NDPIDVCEIG SKVCARGEII GVKVLGILAM IDEGETDWKV IAINVDDPDA ANYNDINDVK RLKPGYLEAT
VDWFRRYKVP DGKPENEF AF NAEFKDKDFA IDIISTHDH WKALVTKKTN GKGISCMNTT LSESPFKCDP
DAARAIVDAL PPPCESACTV PTDVDKWFHH QKN.