

Recombinant Human PPA2 Protein, His-tagged

Cat. No. PPA2-242H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPA2 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	31.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PPA2 pyrophosphatase (inorganic) 2 [Homo sapiens]
Official Symbol	PPA2
Synonyms	PPA2; pyrophosphatase (inorganic) 2; inorganic pyrophosphatase 2, mitochondrial; FLJ20459; PPase 2; pyrophosphatase SID6-306; pyrophosphate phospho-hydrolase 2; HSPC124; SID6-306; MGC49850;
Gene ID	27068
mRNA Refseq	NM_006903
Protein Refseq	NP_008834
MIM	609988
UniProt ID	Q9H2U2

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