Recombinant Human PPA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPA1-5998H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPA1 MS Standard C13 and N15-labeled recombinant protein (NP_066952) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme.
Molecular Mass	32.7 kDa
AA Sequence	MSGFSTEERAAPFSLEYRVFLKNEKGQYISPFHDIPIYADKDVFHMVVEVPRWSNAK MEIATKDPLNPIKQDVKKGKLRYVANLFPYKGYIWNYGAIPQTWEDPGHNDKHTGC CGDNDPIDVCEIGSKVCARGEIIGVKVLGILAMIDEGETDWKVIAINVDDPDAANYNDI NDVKRLKPGYLEATVDWFRRYKVPDGKPENEFAFNAEFKDKDFAIDIIKSTHDHWKA LVTKKTNGKGISCMNTTLSESPFKCDPDAARAIVDALPPPCESACTVPTDVDKWFHH QKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

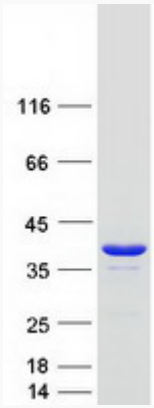
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPA1 inorganic pyrophosphatase 1 [Homo sapiens (human)]
Official Symbol	PPA1
Synonyms	PPA1; pyrophosphatase (inorganic) 1; PP, pyrophosphatase (inorganic); inorganic pyrophosphatase; cytosolic inorganic pyrophosphatase; inorganic pyrophosphatase 1; IOPPP; PP1; Ppase; pyrophosphate phospho hydrolase; SID6 8061; PPase; pyrophosphatase 1; inorganic diphosphatase; diphosphate phosphohydrolase; pyrophosphate phospho-hydrolase; PP; SID6-8061; MGC111556;
Gene ID	5464
mRNA Refseq	NM_021129
Protein Refseq	NP_066952
MIM	179030
UniProt ID	Q15181

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA