Recombinant Human PPA1 protein(1-289aa), GST-tagged

Cat. No. PPA1-1867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPA1 protein(Q15181)(1-289aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-289aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	59.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence	MSGFSTEERAAPFSLEYRVFLKNEKGQYISPFHDIPIYADKDVFHMVVEVPRWSNAK MEIATKDPLNPIKQDVKKGKLRYVANLFPYKGYIWNYGAIPQTWEDPGHNDKHTGC CGDNDPIDVCEIGSKVCARGEIIGVKVLGILAMIDEGETDWKVIAINVDDPDAANYNDI NDVKRLKPGYLEATVDWFRRYKVPDGKPENEFAFNAEFKDKDFAIDIIKSTHDHWKA LVTKKTNGKGISCMNTTLSESPFKCDPDAARAIVDALPPPCESACTVPTDVDKWFHH QKN

GENE INFORMATION

Gene Name	PPA1 pyrophosphatase (inorganic) 1 [Homo sapiens]
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
SDS-PAGE	

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