

Recombinant Full Length Human PPP1R1A Protein, C-Flag-tagged

Cat. No. PPP1R1A-697HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPP1R1A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable protein serine/threonine phosphatase inhibitor activity. Predicted to be involved in intracellular signal transduction. Predicted to be active in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.8 kDa
AA Sequence	MEQDNSPQKIQFTVPLLEPHLDPEAAEQIRRRRPTPATLVLTSDQSSPEIDEDRIPNP HLKSTLAMSPRQ RKKMTRITPTMKELQMMVEHHLGQQQQGEEPEGAAESTGTQE SRPPGIPDTEVESRLGTSGTAKKTAECI PKTHERGSKEPSTKEPSTHIPPLDSKGANSVTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Long-term potentiation
Full Length	Full L.

GENE INFORMATION

Gene Name	PPP1R1A protein phosphatase 1 regulatory inhibitor subunit 1A [Homo sapiens (human)]
Official Symbol	PPP1R1A
Synonyms	I1; IPP1
Gene ID	5502
mRNA Refseq	NM_006741.4
Protein Refseq	NP_006732.3
MIM	613246
UniProt ID	Q13522

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Coomassie blue staining of purified PPP1R1A protein.

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