

Recombinant Full Length Human PPP2R1A protein, His-tagged

Cat. No. PPP2R1A-37H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human PPP2R1A fused with His tag at N-terminal was expressed in Sf9 insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-589 a.a.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Molecular Mass	~66 kDa
Purity	>75% by densitometry
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

GENE INFORMATION

Gene Name	PPP2R1A protein phosphatase 2, regulatory subunit A, alpha [Homo sapiens]
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Official Symbol	PPP2R1A
Synonyms	PPP2R1A; PP2A Aalpha; PR65A; PP2AAALPHA; MGC786; PP2A-Aalpha;
Gene ID	5518
mRNA Refseq	NM_014225
Protein Refseq	NP_055040
MIM	605983
UniProt ID	P30153
Chromosome Location	19q13
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	antigen binding; protein binding; protein heterodimerization activity; protein phosphatase type 2A regulator activity; protein serine/threonine phosphatase activity;