

Recombinant Human PPP1R14A protein, His-tagged

Cat. No. PPP1R14A-3966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R14A protein(1-147 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-147 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAAQRLLGKRVLSKLQSPSRARGPGGSPGGLQKRHARVTVKYDRRELQRRLDVEK WIDGRLEELYRGMEADMPDEINIDELLELESEEERSRKIQGLLKSCGKPVEDFIQELL AKLQGLHRQPGLRQPSPSHDGSLSPLQDRARTAHP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PPP1R14A protein phosphatase 1, regulatory (inhibitor) subunit 14A [Homo sapiens]
Official Symbol	PPP1R14A
Synonyms	PPP1R14A; protein phosphatase 1, regulatory (inhibitor) subunit 14A; PPP1INL; protein phosphatase 1 regulatory subunit 14A; 17 kDa PKC potentiated inhibitory protein of PP1; 17 KDa protein; CPI 17; PKC potentiated inhibitory protein of PP1; 17-KDa protein; PKC-potentiated inhibitory protein of PP1; 17 kDa PKC-potentiated inhibitory protein of PP1; 17-kDa PKC-potentiated inhibitory protein of PP1; protein kinase C-potentiated inhibitor protein of 17 kDa; CPI17; CPI-17;
Gene ID	94274
mRNA Refseq	NM_001243947
Protein Refseq	NP_001230876
MIM	608153
UniProt ID	Q96A00

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