

Recombinant Human PPP1R14B Protein, His-tagged

Cat. No. PPP1R14B-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R14B Protein(NP_619634)(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.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MADSGTAGGAALAAPAPGPGSGGPGPRVYFQSPPGAAGEGPGGADDEGPVRRQ GKVTVKYDRKELRKRLNLEEWILEQLTRL YDCQEEIPELEIDVDEL LD MESDDARAA RVKELLVDCYKPTAEFISGLLDKIRGMQKLSTPQKK
Purity	90%, 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 (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name PPP1R14B protein phosphatase 1, regulatory (inhibitor) subunit 14B [Homo sapiens]

Official Symbol PPP1R14B

Synonyms PPP1R14B; protein phosphatase 1, regulatory (inhibitor) subunit 14B; PLCB3N; protein phosphatase 1 regulatory subunit 14B; PHI 1; PNG; SOM172; phospholipase C beta-3 neighboring gene protein; phospholipase C-beta-3 neighbouring gene protein; PHI-1;

Gene ID 26472

mRNA Refseq NM_138689

Protein Refseq NP_619634

MIM 601140

UniProt ID Q96C90

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SDS-PAGE

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