Recombinant Human PPP1R14D protein, His-tagged

Cat. No. PPP1R14D-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R14D protein(1-145 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-145 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MLSSSPASCTSPSPDGENPCKKVHWASGRRRTSSTDSESKSHPDSSKIPRSRRPS RLTVKYDRGQLQRWLEMEQWVDAQVQELFQDQATPSEPEIDLEALMDLSTEEQKT QLEAILGNCPRPTEAFISELLSQLKKLRRLSRPQK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

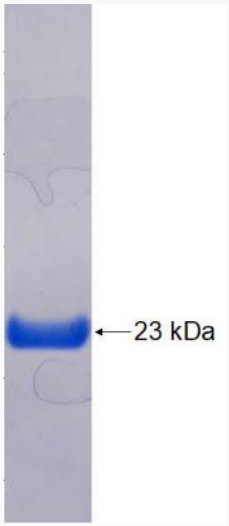
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	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PPP1R14D protein phosphatase 1, regulatory (inhibitor) subunit 14D [Homo sapiens]
Official Symbol	PPP1R14D
Synonyms	PPP1R14D; protein phosphatase 1, regulatory (inhibitor) subunit 14D; protein phosphatase 1 regulatory subunit 14D; CPI17 like; FLJ20251; GBPI 1; gut and brain phosphatase inhibitor 1; MGC119014; MGC119016; PKC dependent PP1 inhibitory protein; PKC-dependent PP1 inhibitory protein; gastrointestinal and brain-specific PP1-inhibitory protein 1; GBPI1; GBPI-1; CPI17-like;
Gene ID	54866
mRNA Refseq	NM_001130143
Protein Refseq	NP_001123615
MIM	613256
UniProt ID	Q9NXH3

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SDS-PAGE	

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