

Recombinant Human PPP1R1B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1R1B-5421H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP1R1B MS Standard C13 and N15-labeled recombinant protein (NP_115568) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	22.8 kDa
AA Sequence	MDPKDRKKIQFSVPAPPSQLDPRQVEMIRRRRPTPAMLFRLSEHSSPEEEASPHQR ASGEGHHLKSKRPNPCAYTPPSLKAVQRIAESHLSISNLNENQASEEDELGELRE LGYPREEDEEEEEDEEEEEEEEDSQAELVKVIRQSAGQKTTTCGQGLEGPWERPPP LDESERDGGSEDQVEDPALSEPGEEPQRPSPSEPGTTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PPP1R1B protein phosphatase 1 regulatory inhibitor subunit 1B [Homo sapiens (human)]

Official Symbol PPP1R1B

Synonyms PPP1R1B; protein phosphatase 1, regulatory (inhibitor) subunit 1B (dopamine and cAMP regulated phosphoprotein, DARPP-32); DARPP 32; dopamine and cAMP regulated phosphoprotein; FLJ20940; DARPP-32;

Gene ID 84152

mRNA Refseq NM_032192

Protein Refseq NP_115568

MIM 604399

UniProt ID Q9UD71

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SDS-PAGE



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