

Recombinant Full Length Human PPP1R1B Protein

Cat. No. PPP1R1B-390HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DARPP32 with proprietary tag; Predicted MWt 43.89 including tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	168 amino acids
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.
Form	Liquid
Molecular Mass	43.890kDa inclusive of tags
AA Sequence	MLFRLSEHSSPEEEASPHQRASGEGHHLKSKRPNPCAYTPPSLKAVQRIAESHLSI SNLNENQASEEEDELGELRELGYPREEDEEEEEEDDEEEEEEDSQAEVLKVIRQSA GQKTTGCGGLEGPWERPPPLDESERDGGSEDQVEDPALSEPGEEPQRPSPEPG T
Purity	Proprietary Purification

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Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

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

Official Symbol [PPP1R1B](#)

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

Gene ID [84152](#)

mRNA Refseq [NM_001242464](#)

Protein Refseq [NP_001229393](#)

MIM [604399](#)

UniProt ID [Q9UD71](#)

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