

Recombinant Full Length Human PPP1R3C Protein, GST-tagged

Cat. No. PPP1R3C-6796HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R3C Protein full-length ORF (AAH12625, 1-317 a.a.) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	317 amino acids
Description	Protein phosphatase-1 (PP1; see MIM 176875) participates in the regulation of a wide variety of cellular functions by reversible protein phosphorylation. The ability of PP1 to regulate diverse functions resides in its capacity to interact with a variety of regulatory subunits that may target PP1 to specific subcellular locations, modulate its substrate specificity, and allow its activity to be responsive to extracellular signals. Several targeting subunits of PP1 have been identified, including PPP1R5, the glycogen-binding subunits PPP1R3 (MIM 600917) and PPP1R4, and the nuclear inhibitor of PP1 (PPP1R8; MIM 602636).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	60.61 kDa
AA Sequence	MSCTRMIQVLDPRPLTSSVMPVDVAMRLCLAHSPVKSFLGPYDEFQRRHFVNKLK

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PLKSCLNKHKAKSQNDWKCSHNQAKKRVVFADSKGLSLTAIHVFSDLPEEPAWDL
 QFDLLDLNDISSALKHHEEKNLILDFPQPSTDYLSFRSHFQKNFVCLENCILQERTVT
 GTVKVKNVSFEKKVQIRITFDSWKNYTDVDCVYMKNVYGGTSDTFSAIDLPPVIPT
 EQKIEFCISYHANGQVFWDNNDGQNYRIVHVQWKPDGVQTQMAPQDCAFHQTSPK
 TELESTIFGSPRLASGLFPEWQSWGRMENLASR

Applications

Enzyme-linked Immunoabsorbent Assay;
 Western Blot (Recombinant protein);
 Antibody Production;
 Protein Array.

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [PPP1R3C protein phosphatase 1, regulatory subunit 3C \[Homo sapiens \]](#)

Official Symbol [PPP1R3C](#)

Synonyms PPP1R3C; protein phosphatase 1, regulatory subunit 3C; Phosphatase 1; PP1 subunit R5; PPP1R5;

Gene ID [5507](#)

mRNA Refseq [NM_005398](#)

Protein Refseq [NP_005389](#)

MIM [602999](#)

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UniProt ID

Q9UQK1

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