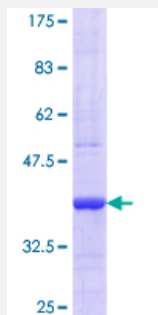


PPP1R3C (Human) Recombinant Protein (Q01)

Catalog # H00005507-Q01

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|---|
| Product Description | Human PPP1R3C partial ORF (NP_005389.1, 221 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | DLPPVIPTEQKIEFCISYHANGQVFWDNNDGQNYRMHVQWKPDGVQTQMAPQDCAFHQTSPKT ELESTIFGSPRLASGLFPEWQSWGRMENLASR |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.41 |
| Interspecies Antigen Sequence | Mouse (86) |
| Preparation Method | in vitro wheat germ expression system |
| Purification | Glutathione Sepharose 4 Fast Flow |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Note | Best use within three months from the date of receipt of this protein. |

Applications

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

Gene Info — PPP1R3C

Entrez GeneID [5507](#)

GeneBank Accession# [NM_005398](#)

Protein Accession# [NP_005389.1](#)

Gene Name PPP1R3C

Gene Alias PPP1R5

Gene Description protein phosphatase 1, regulatory (inhibitor) subunit 3C

Omim ID [602999](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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).[supplied by OMIM]

Other Designations OTTHUMP00000020089|Phosphatase 1, regulatory inhibitor subunit 5|protein targeting to glycogen

Pathway

- [Insulin signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)