

# Recombinant Human PPP1R3G Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PPP1R3G-1839H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | PPP1R3G MS Standard C13 and N15-labeled recombinant protein (NP_001138587) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Glycogen-targeting subunit for protein phosphatase 1 (PP1). Involved in the regulation of hepatic glycogenesis in a manner coupled to the fasting-feeding cycle and distinct from other glycogen-targeting subunits.                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 37.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MEPIGARLSLEAPGPAPFREAPPAEELPAPVVPCVQGGGDGGGASETPSPDAQLG<br>DRPLSPKEEAAPQEQUEELLECRRCRARSFSLPADPILQAAKFLQQQQQQAVALLG<br>EGAEDAQLGPGGCCAKCKKRVQFADTLGLSLASVKHFSEAEPPQVPPAVLSRLRSF<br>PMRAEDLEQLGGLLAAAAVAAPLSAPPSRLRPLFQLPGPSAAAERLQRQRVCLERV<br>QCSTASGAEVKSGRVLSCPGPRAVTVRYTFTFWRSFLDVPALQPEPLEPQQPE<br>APSGASEPGSGDAKKEPGAECFHFSLCLPPGLQPEDEEDADERGVAVHFAVCYRC<br>AQGEYWDNNAGANYTLRYARPADALTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Stability</b>        | 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** PPP1R3G protein phosphatase 1 regulatory subunit 3G [ Homo sapiens (human) ]

**Official Symbol** PPP1R3G

**Synonyms** PPP1R3G; protein phosphatase 1, regulatory subunit 3G; protein phosphatase 1, regulatory (inhibitor) subunit 3G; putative protein phosphatase 1 regulatory inhibitor subunit 3G;

**Gene ID** 648791

**mRNA Refseq** NM\_001145115

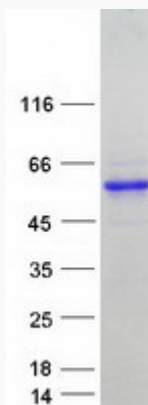
**Protein Refseq** NP\_001138587

**UniProt ID** B7ZBB8

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**SDS-PAGE**

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