

# Recombinant Human PPP1R3G protein, His&Myc-tagged

**Cat. No.** PPP1R3G-4533H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPP1R3G protein(B7ZBB8)(1-358aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-358aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 45.5 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

MEPIGARLSLEAPGPAPFREAPPAEELPAPVVPCVQGGGDGGGASETPSPDAQLG  
 DRPLSPKEEAAPQEELLECRRRCRARSFSLPADPILQAAKFLQQQQQQAVALGG  
 EGAEDAQLGPGGCCAKCKKRVQFADTLGLSLASVKHFSEAEPPQVPPAVLSRLRSF  
 PMRAEDLEQLGGLLAAAAVAAPLSAPPSRLRPLFQLPGPSAAAERLQRQRVCLERV  
 QCSTASGAEVKGSGRVLSCPGPRAVTVRYTFTWRSFLDVPaelQPEPLEPQQPE  
 APSGASEPGSGDAKKEPGAECFHFSLCLPPGLQPEDEEDADERGVAVHFAVCYRC  
 AQGEYWDNNAGANYTLRYARPADAL

**GENE INFORMATION**

|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PPP1R3G protein phosphatase 1, regulatory subunit 3G [ Homo sapiens ]                                                                                                            |
| <b>Official Symbol</b> | PPP1R3G                                                                                                                                                                          |
| <b>Synonyms</b>        | PPP1R3G; protein phosphatase 1, regulatory subunit 3G; protein phosphatase 1, regulatory (inhibitor) subunit 3G; putative protein phosphatase 1 regulatory inhibitor subunit 3G; |
| <b>Gene ID</b>         | 648791                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001145115                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001138587                                                                                                                                                                     |
| <b>UniProt ID</b>      | B7ZBB8                                                                                                                                                                           |