

## Product datasheet for **TP327133L**

### PPP1R3G (NM\_001145115) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 3G (PPP1R3G), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC227133 representing NM\_001145115  
**Red**=Cloning site **Green**=Tags(s)

MEPIGARLSLEAPGPAPFREAPPAEELPAPVWPCVQGGDGGGASETSPSDAQLGDRPLSPKEEAAPQEQ  
ELLECRRCRARSFSLPADPILQAAKFLQQQQQVAVALGGEGAEDAQLGPGGCCAKCKKRVQFADTLGL  
SLASVKHFSEAEQPVPAVLSRLRSFPMRAEDLEQLGGLLAAAAVAAPLSAPPSRLRPLFQLPGPSAAA  
ERLQRQRVCLERVQCSTASGAEVKSGSRVLSCPGRAVTVRYTFTWRSFLDVPALQPEPLEPQQPEAP  
SGASEPGSGDAKKEPGAECFHFSCLPPGLQPEDEEDADERGVAVHFVAVCYRCAQGEYWDNAGANYTLR  
YARPADAL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 37.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001138587](#)



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Locus ID: 648791

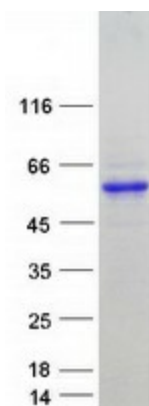
UniProt ID: [B7ZBB8](#)

Cytogenetics: 6p25.1

RefSeq ORF: 1074

**Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PPP1R3G protein (Cat# [TP327133]). The protein was produced from HEK293T cells transfected with PPP1R3G cDNA clone (Cat# [RC227133]) using MegaTran 2.0 (Cat# [TT210002]).