

Product datasheet for **TP327133**

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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227133 representing NM_001145115 Red =Cloning site Green =Tags(s)
	<p>MEPIGARLSLEAPGPAPFREAPPAEELPAPVWPCVQGGGDGGGASETSPSDAQLGDRPLSPKEEAAPQEQ ELLECRRRRCRARSFSLPADPILQAAKFLQQQQQVAVALGGEGAEDAQLGPGGCCAKCKKRVQFADTLGL SLASVKHFSEAEQPVPPAVLSRLRSFPMRAEDLEQLGGLLAAAAVAAPLSAPPSRLRPLFQLPGPSAAA ERLQRQRVCLERVQCSTASGAEVKSGSRVLSCPGRAVTVRYTFTEWRSFLDVPaelQPELEPQQPEAP SGASEPGSGDAKKEPGAECFHFSLCLPPGLQPEDEEDADERGVAVHFVAVCYRCAQGEYWDNAGANYTLR YARPADAL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_001138587</u>



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Locus ID: 648791

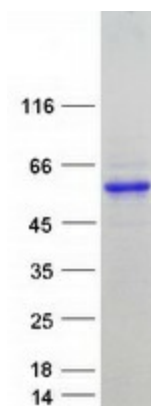
UniProt ID: [B7ZBB8](#)

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]).