

Product datasheet for PH327133

PPP1R3G (NM_001145115) Human Mass Spec Standard

Product data:

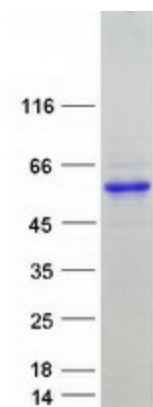
Product Type:	Mass Spec Standards
Description:	PPP1R3G MS Standard C13 and N15-labeled recombinant protein (NP_001138587)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227133
Predicted MW:	37.8 kDa
Protein Sequence:	>RC227133 representing NM_001145115 Red=Cloning site Green=Tags(s) MEPIGARLSLEAPGPAPFREAPPAEELPAPVVPCVQGGDGGGASETSPDAQLGDRPLSPKEEAAPQEQ EELLECRRCRARSFSLPADPILQAAKFLQQQQQAVALGGEGAEDAQLGPGGCCAKCKKRVQFADTLGL SLASVKHFSEAEEPQVPPAVLSRLRSFPMRAEDLEQLGGLLAAAAVAAPLSAPPSRLRPLFQLPGPSAAA ERLQRQRVCLERVQCSTASGAEVKSGSRVLSCPGPRAVTVRYTFTEWRSFLDVPaelQPELEPQQPEAP SGASEPGSGDAKKEPGAECFHFSLCLPPGLQPEDEEDADERGVAVHFAVCYRCAQGEYWDNNAGANYTLR YARPADAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001138587</u>
RefSeq ORF:	1074
Locus ID:	648791
UniProt ID:	<u>B7ZBB8</u>
Cytogenetics:	6p25.1



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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]).