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Product datasheet for TP312522

GDPGP1 (NM_001013657) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 15 open reading frame 58 (C15orf58), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212522 representing NM_001013657 Red=Cloning site Green=Tags(s) MALPHDSNETSYLLPPNNEDWGRQTIPDFVYGQKDLMAEGIQWPRNAPGIPDALPQSPFDAALCSAWKQR VELGLFRYRLRELQTQILPGAVGFVAQLNVERGVQRRPPQTIKSVRQAFDPVQFNFNKIRPGEVLFRLHR EPDLPGTLLQEDILVVINVSPLEWGHVLLVPEPARQLPQRLLPGALRAGIEAVLLSLHPGFRVGFNSLGG LASVNHLHLHGYYLAHRLPVEQAPSEPLDPGGHLHLLQDLPAPGFLFYTRGPGPDLESLISRVCRATDYL TDHEIAHNLFVTRGAPPGKTSPSSALTGVRVILWARKSSFGIKDGEAFNVALCELAGHLPVKTSQDFSSL TEAAAVALIQDCRLPPSQAEDVQAALVALMSQEEQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	42.2 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_001013679
Locus ID:	390637

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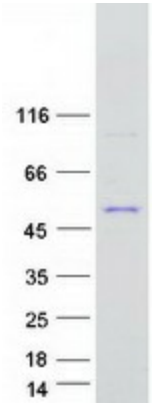
UniProt ID:	Q6ZNW5, A0A024RC68
RefSeq Size:	1940
Cytogenetics:	15q26.1
RefSeq ORF:	1155
Synonyms:	C15orf58; VTC2
Summary:	Specific and highly efficient GDP-D-glucose phosphorylase regulating the levels of GDP-D-glucose in cells.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified GDPGP1 protein (Cat# TP312522). The protein was produced from HEK293T cells transfected with GDPGP1 cDNA clone (Cat# [RC212522]) using MegaTran 2.0 (Cat# [TT210002]).