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Product datasheet for TP302063M

G0S2 (NM_015714) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human G0/G1switch 2 (G0S2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202063 protein sequence Red=Cloning site Green=Tags(s) METVQELIPLAKEMMAQKRKGKMVKLYVLGSVLALFGVVLGLMETVCSPFTAARRLRDQEAAVAELQAAL ERQALQKQALQEKGKQQDTVLGGRALSNRQHAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.1 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
Bioactivity:	Enzyme activity regulator (PMID: 27408777)
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_056529
Locus ID:	50486
UniProt ID:	P27469
RefSeq Size:	978

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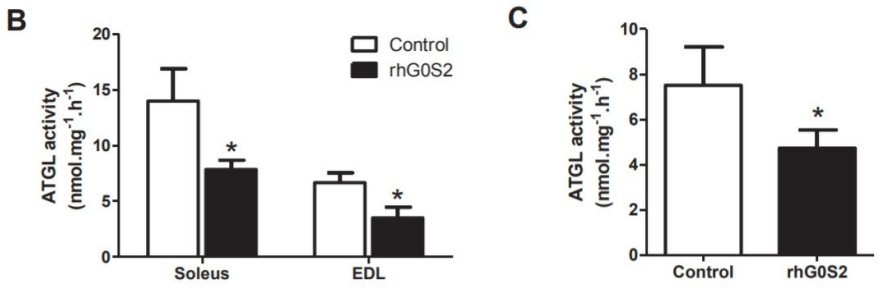
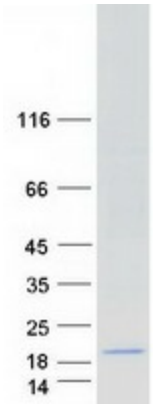
Cytogenetics:	1q32.2
RefSeq ORF:	309
Summary:	Promotes apoptosis by binding to BCL2, hence preventing the formation of protective BCL2-BAX heterodimers.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



G0S2 inhibits triacylglycerol hydrolase (TAGH) activity in mouse and human skeletal muscles. TAGH was measured in the absence (control) or presence of recombinant human G0S2 (rhG0S2) (OriGene [TP302063]) in (B) mice soleus and extensor digitorum longus muscle (EDL) and (C) human vastus lateralis muscle. * p < 0.05 versus control. Figure cited from Mol Metab, PMID: 27408777



Coomassie blue staining of purified G0S2 protein (Cat# [TP302063]). The protein was produced from HEK293T cells transfected with G0S2 cDNA clone (Cat# [RC202063]) using MegaTran 2.0 (Cat# [TT210002]).