

Product datasheet for **TP302063**

G0S2 (NM_015714) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human G0/G1switch 2 (G0S2), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202063 protein sequence
Red=Cloning site **Green**=Tags(s)

METVQELIPLAKEMMAQKRKGMVKLYVLGSLALFGVVLGLMETVCSPFTAARRLRDQEAAVAELQAAL
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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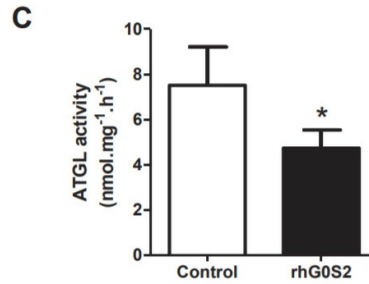
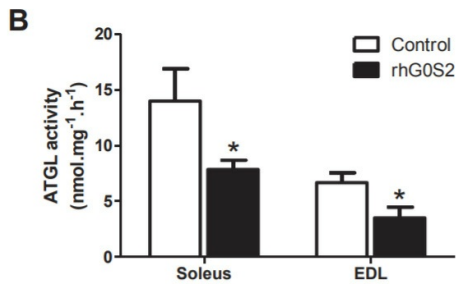
Cytogenetics: 1q32.2

RefSeq ORF: 309

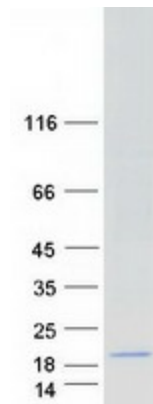
Summary: Promotes apoptosis by binding to BCL2, hence preventing the formation of protective BCL2-BAX heterodimers.[UniProtKB/Swiss-Prot Function]

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]).