

Product datasheet for **TP307007M**

C7orf16 (PPP1R17) (NM_006658) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chromosome 7 open reading frame 16 (C7orf16), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207007 protein sequence
Red=Cloning site **Green**=Tags(s)

MMSTEQMQPLEVSEDRLDKLDPRCSHLLDLSQFIKDCDLKKKPRKGKNVQATLNVESDQKKPRRKDTPA
LHIPPFIGVFSEHLIKRYDVQERHPKGMIPVLHNTDLEQKKPRRKDTPALHMSPFAGVTLLRDERPK
AIVEDDEKDGDKIAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 17.7 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_006649](#)

Locus ID: 10842

UniProt ID: [O96001](#), [A0A090N8N7](#)



[View online »](#)

RefSeq Size: 1966

Cytogenetics: 7p14.3

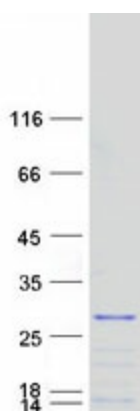
RefSeq ORF: 465

Synonyms: C7orf16; GSBS

Summary: The protein encoded by this gene is found primarily in cerebellar Purkinje cells, where it functions as a protein phosphatase inhibitor. The encoded protein is a substrate for cGMP-dependent protein kinase. An allele of this gene was discovered that increases susceptibility to hypercholesterolemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

Protein Pathways: Long-term depression

Product images:



Coomassie blue staining of purified PPP1R17 protein (Cat# [TP307007]). The protein was produced from HEK293T cells transfected with PPP1R17 cDNA clone (Cat# [RC207007]) using MegaTran 2.0 (Cat# [TT210002]).