

Recombinant Human PPP1R17 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1R17-3675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C7orf16 MS Standard C13 and N15-labeled recombinant protein (NP_006649) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	17.9 kDa
AA Sequence	MMSTEQMQLPVESEDRLDKLDPRCSHLDDLSDQFIKDCDLKKKPRKGKNVQATLNV ESDQKKPRRKDTPALHIPPFIPGVFSEHLIKRYDVQERHPKGKMIPVLHNTDLEQKKP RRKDTPALHMSPPFAAGVTLLRDERPKAIVEDDEKDGDKIAITRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PPP1R17 protein phosphatase 1 regulatory subunit 17 [Homo sapiens (human)]
Official Symbol	PPP1R17
Synonyms	PPP1R17; protein phosphatase 1, regulatory subunit 17; C7orf16, chromosome 7 open reading frame 16; protein phosphatase 1 regulatory subunit 17; G substrate; GSBS; G-substrate; C7orf16;
Gene ID	10842
mRNA Refseq	NM_006658
Protein Refseq	NP_006649
MIM	604088
UniProt ID	O96001

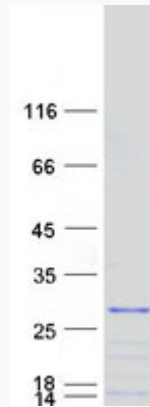
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SDS-PAGE



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