Recombinant Full Length Human PPP1R17 Protein, GST-tagged

Cat. No. PPP1R17-3433HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C7orf16 full-length ORF (NP_006649.1, 1 a.a. - 155 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	155 amino acids
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. [provided by RefSeq, Jul 2010]
Molecular Mass	44.3 kDa
AA Sequence	MMSTEQMQPLEVSEDRLDKLDPRCSHLDDLSDQFIKDCDLKKKPRKGKNVQATLNV ESDQKKPRRKDTPALHIPPFIPGVFSEHLIKRYDVQERHPKGKMIPVLHNTDLEQKKP RRKDTPALHMSPFAAGVTLLRDERPKAIVEDDEKDGDKIAI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	PPP1R17 protein phosphatase 1, regulatory subunit 17 [Homo sapiens]
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_001145123
Protein Refseq	NP_001138595
MIM	604088
UniProt ID	O96001

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