

Product datasheet for **TP308617M**

TRAPPC2 (NM_001011658) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens trafficking protein particle complex 2 (TRAPPC2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208617 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGSFYFVIVGHHDNPVFEMEFLPAGKAESKDDHRHLNQFIAHAALDLVDENMWLSNNMYLKTVDKFNFW
FVSAFVTAGHMRFIMLHDIRQEDGIKNFFTDVYDLYIKFSMNPYEPNSPIRSSAFDRKVQFLGKKHLLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	16.3 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:	<u>NP_001011658</u>
Locus ID:	6399
UniProt ID:	<u>P0DI81</u> , <u>P0DI82</u> , <u>Q6IBE5</u>
RefSeq Size:	2869



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Cytogenetics: Xp22.2

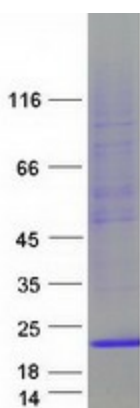
RefSeq ORF: 420

Synonyms: hYP38334; MIP2A; SEDL; SEDT; TRAPPC2P1; TRS20; ZNF547L

Summary: The protein encoded by this gene is thought to be part of a large multi-subunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, the encoded protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. Mutations in this gene are a cause of spondyloepiphyseal dysplasia tarda (SEDT). A processed pseudogene of this gene is located on chromosome 19, and other pseudogenes are found on chromosomes 8 and Y. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2010]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TRAPPC2 protein (Cat# [TP308617]). The protein was produced from HEK293T cells transfected with TRAPPC2 cDNA clone (Cat# [RC208617]) using MegaTran 2.0 (Cat# [TT210002]).