

Recombinant Human TRAPPC10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRAPPC10-3096H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRAPPC10 MS Standard C13 and N15-labeled recombinant protein (NP_003265) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a transmembrane protein found in the cis-Golgi complex. The encoded protein is part of the multisubunit transport protein particle (TRAPP) complex and may be involved in vesicular transport from the endoplasmic reticulum to the Golgi. Mutations in this gene could be responsible for the Unverricht-Lundborg type of progressive myoclonus epilepsy, or for autoimmune polyglandular disease type 1.
Molecular Mass	142 kDa
AA Sequence	MDASEEPLPPVIYTMENKPIVTCAGDQNLFTSVYPTLSQQLPREPMEWRRSYGRAP KMIHLESNFVQFKEELLPKEGNKALLTFPFLHIYWTECCDTEVYKATVKDDLTKWQN VLKAHSSVDWLIVIVENDAKKKNKTNILPRTSIVDKIRNDFCNKQSDRCVVLSDPLKD SSRTQESWNAFLTKLRTLILMSFTKNLGKFEDDMRTLREKRTEPGWSFCEYFMVQE ELAFVFEMLQQFEDALVQYDELDALFSQYVVNFGAGDGANWLTFFCQPVKSWNGLI LRKPIDMEKRESIQRREATLLDLRSYLF SRQCTLLLFLQRPWEVAQRALELLHNCVQ ELKLLEVSPPGALDCWVFLSCLEVLQRIEGCCDRAQIDSNIAHTVGLWSYATEKLK

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SLGYLCGLVSEKGPNSDNLNRTVDLLAGLGAERPETANTAQSPYKKLKEALSSVEAF
 EKHYLDLSHATIEMYTSIGRIRSAKFVGKDLAEFYMRKKAPQKAEIYLQGALKNYLAE
 GWALPITHTRKQLAECQKHLGQIENYLQTSSLLASDHHLTEEERKHFCQEILDFASQ
 PSDSPGHKIVLPMHSFAQLRDLHFDPSNAVHVHGGVLCVEITMYSQMPVPVHVEQIV
 VNVHFSIEKNSYRKTAEWLTKHKTSNGIINFPPETAPFPVSQNSLPALELYEMFERSP
 SDNSLNTTGIIICRNVHMLLRQESSSSLEMPSGVALEEGAHVLRCSHVTLEPGANQI
 TFRTQAKEPGTYTLRQLCASVGSVWFVLPPIYPIVQYDVYSQEPQLHVEPLADSLLA
 GIPQRVKFTVTTGHYTIKNGDSLQLSNAEAMLILCQAESRAVVYSNTREQSSEALRI
 QSSDKVTSISLPVAPAYHVIEFELEVLSPSAPALGGESDMLGMAEPHRKHKDKQRT
 GRGMVTTDHKVSIDCPWSIYSTVIALTFSPFRTHSHLLSSGTRKYVQVCVQNLSELD
 FQLSDSYLVDTGDSTDQLVPLNTQSQQPIYSKQSVFFVWELKWTEPPPSLHCRF
 SVGFSPASEEQLSISLKPITYEFKVENFFTLNVKAEIFPPSGMEYCRTGSLCSLEVL
 TRLSDDLLEVDKDEALTESDEHFSTKLMEVVDNSSNWAVCGKSCGVISMPVAARAT
 HRVHMEVMPLFAGYLPLPDVRLFKYLPHSAHSSQLDADSWIENDSLSDVKHGDDQ
 PDSSSLKSRGSVHSACSSEHKGLPMPRLQALPAGQVFNSSSGTQVLVIPSQDDHVL
 EVSVTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
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.

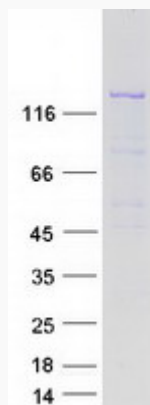
GENE INFORMATION

Gene Name	TRAPPC10 trafficking protein particle complex 10 [Homo sapiens (human)]
Official Symbol	TRAPPC10
Synonyms	TRAPPC10; trafficking protein particle complex 10; TMEM1, transmembrane protein 1; trafficking protein particle complex subunit 10; EHOC 1; trafficking protein particle complex subunit 130; TRAPP 130 kDa subunit; TRS130; TRAPP subunit TMEM1; transmembrane protein 1; transport protein particle subunit TMEM1; epilepsy holoprosencephaly candidate 1 protein; epilepsy holoprosencephaly candidate-1 protein; trafficking protein particle complex subunit TMEM1; EHOC1; GT334; TMEM1; TRS30; EHOC-1; FLJ54223; FLJ54817; FLJ55683; MGC126777;
Gene ID	7109
mRNA Refseq	NM_003274
Protein Refseq	NP_003265
MIM	602103
UniProt ID	P48553

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SDS-PAGE

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