

Product datasheet for PH310998

TMEM1 (TRAPPC10) (NM_003274) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TRAPPC10 MS Standard C13 and N15-labeled recombinant protein (NP_003265)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210998
Predicted MW:	142 kDa
Protein Sequence:	>RC210998 representing NM_003274 Red =Cloning site Green =Tags(s)

MDASEEPLPPVIYTMENKPIVTCAGDQNLFTSVYPTLSQQLPREPMWRRSYGRAPKMIHLESNFVQFKE
 ELLPKEGNKALLTFPFLHIYWTECCDTEVYKATVKDDLTKWQNVLKAHSSVDWLIVIVENDAKKKNKTNI
 LPRTSIVDKIRNDFCNKQSDRCVVLSDPLKSSRTQESWNAFLTKLRTLMSFTKNLGFEDDMRTLRE
 KRTEPGWSFCEYFMVQEELAFVFEMLQQFEDALVQYDELDAFQYVNVFAGDGANWLTFFCQPVKSWN
 GLILRKPIDMEKRESIQREATLLDLRSYLSRQCTLLFLQRPWEVAQRALELLHNCVQELKLLVSV
 PGALDCWVFLSCLEVLQRIEGCCDRAQIDSNIHTVGLWSYATEKLKSLGYLCGLVSEKGPNSIDLNRTV
 DLLAGLGAERPETANTAQSPYKKLKEALSSVEAFEKHYLDLSHATIEMYTSIGRIRSAKFGKDLAEFYM
 RKKAPQKAEIYLQGALKNYLAEGWALPIITHRKQLAECQKHLGQIENYLQTSLLASDHHLTEERKHFC
 QEILDFASQPSDSPGHKIVLPMHSFAQLRDLHFDPSNAVVHVGGVLCVEITMYSQMPVPVHVEQIVNVH
 FSIEKNSYRKTAEWLTKHKTSNGIINFPPETAPFPVSQNSLPALELYEMFERSPSDNLNTTGIIICRNH
 MLLRRQESSSSLEMPSGVALEEGAHVLRCSHVTLEPGANQITFRTQAKEPGTYTLRQLCASVGSVWFVLP
 HIYPYIVQYDVYSQEPQLHVEPLADSLLAGIPQRVKFTVTTHGYTIKNGDSLQLSNAEAMLILCQAESRAV
 VYSNTRQSSEALRIQSSDKVTSISLPVAPAYHVIEFELEVLSPSAPALGGESDMLGMAEPHRKHDK
 QRTGRCMVTTDHKVSIDCPWSIYSTVIALTFVSPFRTTHSLLSSGTRKYVQVCVQNLSELDLQSDSYLV
 DTGSDTLQLVPLNTQSQQPIYSKQSVFFVWELKWTEPPPSLHCRFSVGFSPASEEQLSISLKPITYEF
 KVENFFTLYNVKAEIFPPSGMEYCRTGSLCSLEVLITRLSDLLEVDKDEALTESDEHFSTKLMEYVVDNS
 SNWAVCGKSCGVISMPVAARATHRVHMEVMPFLFAGYLPPLPDVRLFKYLPHHSASHSSQLDADSWIENDSLS
 VDKHGDDQPDSSSLKSRGSVHSACSSEHKGLPMPRLQALPAGQVFNSSSGTQVLVIPSQDDHVLEVSVT

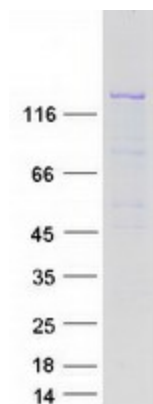
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine


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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003265
RefSeq Size:	6982
RefSeq ORF:	3777
Synonyms:	EHOC-1; EHOC1; GT334; TMEM1; TRS30; TRS130
Locus ID:	7109
UniProt ID:	P48553 , Q86SI7
Cytogenetics:	21q22.3
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified TRAPPC10 protein (Cat# [TP310998]). The protein was produced from HEK293T cells transfected with TRAPPC10 cDNA clone (Cat# [RC210998]) using MegaTran 2.0 (Cat# [TT210002]).