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Product datasheet for PH310346

TBC1D24 (NM_020705) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D24 MS Standard C13 and N15-labeled recombinant protein (NP_065756)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210346
Predicted MW:	62.3 kDa
Protein Sequence:	>RC210346 protein sequence Red=Cloning site Green=Tags(s) MDSPGYNCFVDKDKMDAAIQDLGPKELSCTELQELKQLARQGYWAQSHALRGKVYQRLIRDIPCRTVTPD ASVYSDIVGKIVGKHSSSCLPLPEFVDNTQVPSYCLNARGEGAVRKILLCLANQFPDISFCPALPAVVAL LLHYSIDEAECFEKACRILACNDPGRRLIDQSFLAFESSCMTFGDLVNKYCQAAHKLMVAVSEDVLQVYA DWQRWLFGELPLCYFARVFDVFLVEGYKVLYRVALAILKFFHKVRAGQPLESDSVKQDIRTFVRDIAKTV SPEKLLEKAFAIRLFSRKEIQLLQMANEKALKQKGITVKQKRQFVHLAVHAENFRSEIVSVREMRDIWSW VPERFALCQPLLLFSSLQHGYSLARFYFQCEGHEPTLLLIKTTQKEVCGAYLSTDWSERNKFGGKLGFFG TGECFVFRLQPEVQRYEWVVIKHPELTKPPPLMAAEPTAPLSHSASSDPADRLSPFLAARHFNLPSKTES MFMAGGSDCLIVGGGGGQALYIDGDLNRGRTSHCDTFNNQPLCSENFLIAAVEAWGFQDPDTQ 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
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_065756
RefSeq Size:	6589
RefSeq ORF:	1659

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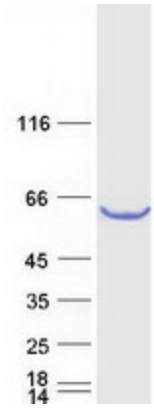
Synonyms:	DEE16; DFNA65; DFNB86; DOORS; EIEE16; EPRPDC; FIME; TLDC6
Locus ID:	57465
UniProt ID:	Q9ULP9
Cytogenetics:	16p13.3
Summary:	This gene encodes a protein with a conserved domain, referred to as the TBC domain, characteristic of proteins which interact with GTPases. TBC domain proteins may serve as GTPase-activating proteins for a particular group of GTPases, the Rab (Ras-related proteins in brain) small GTPases which are involved in the regulation of membrane trafficking. Mutations in this gene are associated with familial infantile myoclonic epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2011]

Product images:



Coomassie blue staining of purified TBC1D24 protein (Cat# [TP310346]). The protein was produced from HEK293T cells transfected with TBC1D24 cDNA clone (Cat# [RC210346]) using MegaTran 2.0 (Cat# [TT210002]).