

Recombinant Human TBC1D24 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBC1D24-6235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBC1D24 MS Standard C13 and N15-labeled recombinant protein (NP_065756) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	62.3 kDa
AA Sequence	MDSPGYNCFVDKDKMDAAIQDLGPKELSCTELQELKQLARQGYWAQSHALRGKVY QRLIRDIPCRVTPTDASVYSDIVGKIVGKHSSSCLPLPEFVDNTQVPSYCLNARGE GA VRKILLCLANQFPDISFCPALPAVVALLLHYSIDEAECEFEKACRILACNDPGRRLIDQS FLAFESSCMTFGDLVNKYCQAAHKLMVAVSEDLQVYADWQRWLFGEPLCYFAR VFDVFLVEGYKVLYRVALAILKFFHKVRAGQPLESDSVKQDIRTFVRDIAKTVSPEKLL EKAFAIRLFSRKEIQLLQMANEKALKQKGITVKQKRQFVHLAVHAENFRSEIVSVREM RDIWSWVPERFALCQPLLLFSSLQHGYSLARFYFQCEGHEPTLLLIKTTQKEVCGAY

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LSTDWSERNKFGGKLGFFGTGECFVFRLQPEVQRYEWVVIKHPELTKPPPLMAAEP
TAPLSHSASSDPADRLSPFLAARHFNLPSKTESMFMAGGSDCLIVGGGGGQALYID
GDLNRGRTSHCDTFNNQPLCSENFLIAAVEAWGFQDPDTQTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

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 TBC1D24 TBC1 domain family member 24 [Homo sapiens (human)]

Official Symbol TBC1D24

Synonyms TBC1D24; TBC1 domain family, member 24; TBC1 domain family member 24; KIAA1171; FIME; MGC102885;

Gene ID 57465

mRNA Refseq NM_020705

Protein Refseq NP_065756

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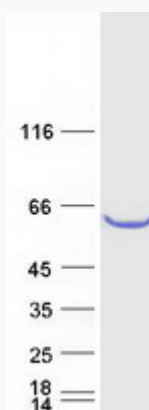
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MIM 613577

UniProt ID Q9ULP9

SDS-PAGE



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