

Product datasheet for PH321238

TBC1D25 (NM_002536) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D25 MS Standard C13 and N15-labeled recombinant protein (NP_002527)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221238
Predicted MW:	76.3 kDa
Protein Sequence:	>RC221238 protein sequence Red =Cloning site Green =Tags(s)

MATASGASDLSGSGAPPPGVGAQAAAAEEEEEREVVRVRVKCESFLPPEFRSFVADPQITSLDVLQHIL
 IRAFDLSGKKNFGISYLRDRLGQEVYLSLLSDWDLSTAFATASKPYLQLRVDIRPSEDSPLLEDWDIIS
 PKDVIGSDVLLAEKRSSLTTAALPFTQSILTQVGRTLSKVQQVLSWSYGEDVKPFKPPLSDAEFHTYLNH
 EGQLSRPEELRLRIYHGGVEPSLRKVVRWYLLNVYPDGLTGRERMDYMKRKSREYEQLKSEWAQRASPED
 LEFIRSTVLKDVLRDRAHPYYAGPEDGPHLRALHDLLTTYAVTHPQVSYCQGMSDLASPIAVMDHEGH
 AFVCFCGIMKRLAANFHPDGRAMATKFAHLKLLLRHADPDFYQYLQEAGADDLFFCYRWLLLELKREFAF
 DDALRMLEVTWSSLPPDPPEHEVELVGPPSQVADTGFGGHRGWPVRQRHMLRPAGGGGSTFEDAVDHLAT
 ASQGGPGGGRLLRQASLDGLQQLRDNMGSRRDPLVQLPHPAALISSKSLSEPLLNSPDLLSSFSHPDSP
 SSSSPPSTQEASPTGDMAVGSPLMQEVGSPKDPGKSLPPVPPMGLPPPQEFGRGNPFMLFLCLAILLEHR
 DHIMRNGLDYNELAMHFDRLVRKHHLGRVLRARALFADYLRQSEVWDSEEGAEATAAS

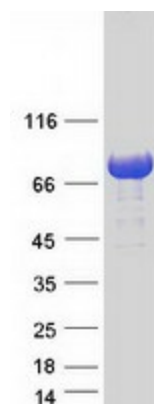
TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

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
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_002527
RefSeq Size:	3830


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RefSeq ORF:	2064
Synonyms:	MG81; OATL1
Locus ID:	4943
UniProt ID:	Q3MII6
Cytogenetics:	Xp11.23
Summary:	This gene encodes a protein with a TBC domain and functions as a Rab GTPase activating protein. The encoded protein is involved in the fusion of autophagosomes with endosomes and lysosomes. This gene was previously known as ornithine aminotransferase-like 1, but has no similarity to ornithine aminotransferase. [provided by RefSeq, Jan 2017]

Product images:



Coomassie blue staining of purified TBC1D25 protein (Cat# [TP321238]). The protein was produced from HEK293T cells transfected with TBC1D25 cDNA clone (Cat# [RC221238]) using MegaTran 2.0 (Cat# [TT210002]).