

Product datasheet for **TP321238**

TBC1D25 (NM_002536) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TBC1 domain family, member 25 (TBC1D25), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221238 protein sequence Red =Cloning site Green =Tags(s)

MATASGASDLSGSGAPPPGVGAQAAAAAEEEEEREVVRVRVKKCESFLPPEFRSFAVDPQITSLDVLQHIL
IRAFDLSGKKNFGISYLGDRDLGQEVYLSLLSDWDLSTAFATASKPYLQLRVDIRPSEDSPLLEDWDIIS
PKDVIGSDVLLAEKRSSLTAAALPFTQSILTQVGRTLSKVQQLVSWSYGEDVKPFKPPLSDAEFHTYLNH
EGQLSRPEELRLRIYHGGVEPSLRKVWRYLLNVYPDGLTGRERMDYMKRSREYEQLKSEWAQRASPED
LEFIRSTVLKDVLRTDRAHPYAGPEDGPHLRALHDLTTYAVTHPQVSYCQGMSDLASPIAVMDHEGH
AFVFCGIMKRLAANFHPDGRAMATKFAHLKLLLRHADPDFYQYLQEAGADDLFFCYRWLLLELKREFAF
DDALRMLEVTWSSLPPDPPEHEVELVGPPSQVADTGFGGHRGWVPRQRHMLRPAGGGGSTFEDAVIDH
LAT
ASQGPGGGGRRLLRQASLDGLQQLRDNMGSRRDPLVQLPHPAALISSKSLSEPLLNSPDLLSSFSHPDSP
SSSSPPSTQEASPTGDMAVGSPLMQEVGSPKDPGKSLPPVPPMGLPPPQEFGRGNPFMLFLCLAILLEHR
DHIMRNGLDYNELAMHFDRLVRKHHLGRVLRARALFADYQLQSEVWDSEEGAEATAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

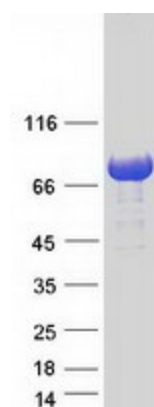
Tag:	C-Myc/DDK
Predicted MW:	76.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_002527</u>
Locus ID:	4943
UniProt ID:	<u>Q3MII6</u>
RefSeq Size:	3830
Cytogenetics:	Xp11.23
RefSeq ORF:	2064
Synonyms:	MG81; OATL1
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]).