

## Product datasheet for **TP321238L**

### **TBC1D25 (NM\_002536) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human TBC1 domain family, member 25 (TBC1D25), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC221238 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MATASGASDLSGSGAPPPGVGAQAAAAAEEEEEREVVRVRVKKCESFLPPEFRSFAVDPQITSLDVLQHIL  
IRAFDLSGKKNFGISYLGDRDLGQEVYLSLLSDWDLSTAFATASKPYLQLRVDIRPSEDSPLLEDWDIIS  
PKDVIGSDVLLAEKRSSLTAAALPFTQSILTQVGRTLSKVQQVLSWSYGEDVKPFKPPLSDAEFHTYLNH  
EGQLSRPEELRLRIYHGGVEPSLRKVWRYLLNVYPDGLTGRERMDYMKRSREYEQLKSEWAQRASPED  
LEFIRSTVLKDVLRTDRAHPYAGPEDGPHLRALHDLTTYAVTHPQVSYCQGMSDLASPIAVMDHEGH  
AFVFCGIMKRLAANFHPDGRAMATKFAHLKLLLRHADPDFYQYLQEAGADDLFFCYRWLLLELKREFAF  
DDALRMLEVTWSSLPPDPPEHEVELVGPPSQVADTGFGGHRGWVPRQRHMLRPAGGGGSTFEDAVIDH  
LAT  
ASQGPGGGGRRLLRQASLDGLQQLRDNMGSRRDPLVQLPHPAALISSKSLSEPLLNSPDLLSSFHPDSP  
SSSSPPSTQEASPTGDMAVGSPLMQEVGSPKDPGKSLPPVPPMGLPPPQEFGRGNPFMLFLCLAILLEHR  
DHIMRNGLDYNELAMHFDRLVRKHHLGRVLRARALFADYQLQSEVWDSEEGAEATAAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

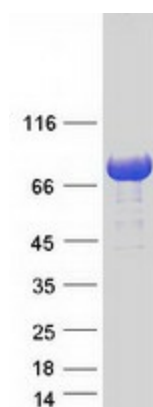
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	76.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein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



[View online »](#)

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