

Product datasheet for **TP310451L**

GTPBP10 (NM_033107) Human Recombinant Protein

Product data:

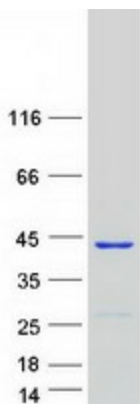
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GTP-binding protein 10 (putative) (GTPBP10), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210451 protein sequence Red =Cloning site Green =Tags(s)
	<p>MVHCSCVLFRKYGNFIDKLRLFTRGGSGGMGYPRLGEGGKGGDVWVVAQNRMTLKQLKDRYPGKRFV AG</p> <p>VGANSKISALKGSKGKDWEIPVPGISVTDENGKIIIGELNKENDRILVAQGGLGGKLLTNFLPLKGQKRI IHLDLKLIADVGLVGFPNAGKSSLLSCVSHAKPAIADYAFTTLKPELGKIMYSDFKQISVADLPGLIEGA HMNKGMGHKLKHIERTRQLLFVVDISGFQLSSHTQYRTAFETIILLTKELEYKEELQTKPALLAVNKM DLPDAQDKFHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEGIEELKNCIRKSLDEQANQE NDALHKKQLNLWISDTMSSTEPPSKHAVTTSKMDII</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	42.8 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<u>NP_149098</u>
Locus ID:	85865
UniProt ID:	<u>A4D1E9</u>
RefSeq Size:	7550
Cytogenetics:	7q21.13
RefSeq ORF:	1161
Synonyms:	ObgH2; UG0751c10
Summary:	Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]). [supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified GTPBP10 protein (Cat# [TP310451]). The protein was produced from HEK293T cells transfected with GTPBP10 cDNA clone (Cat# [RC210451]) using MegaTran 2.0 (Cat# [TT210002]).