

## Product datasheet for **TP314538M**

### TUB (NM\_177972) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tubby homolog (mouse) (TUB), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC214538 representing NM_177972
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MTSKPHSDWIPYSVLDDEGRNLRQQKLDQRALLEQKQKKKRQEPLMVQANADGRPRRRARQSEEQAPL  
VESYLSSSGSTSYQVQEQEADSLASVQLGATRPTAPASAKRTKAAATAGGQGGGAARKEKKGKHKGTSGPAAL  
AEDKSEAQGPVQILTVGQSDHAQDAGETAAGGGERPSGQDLRATMQRKGISSMSFDEDEEENSSSS  
SQLNSNTRPSSATSRSVREAASAPSPTAPEQPVDVEVQDLEEFALRPAPQGITIKCRITRDKKGMDRGM  
YPTYFLHLDREDGKKVFLLAGRKRKSKTSNYLISVDPTDLSRGGDSYIGKLRNLMTGKFTVYDNGVNP  
QKASSSTLESGLRQELAAVCYETNVLGFKGPRKMSVIVPGMNMVHERVSIRPRNEHETLLARWQNKNT  
SIIELQNKTPVWDDTQSYVLNFHGRVTQASVKNFQIIHGNDPDYIVMQFGRVAEDVFTMDYNYPLCALQ  
AFAIALSSFDSKLACE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	55.5 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: [NP\\_813977](#)

Locus ID: 7275

UniProt ID: [P50607](#)

RefSeq Size: 6172

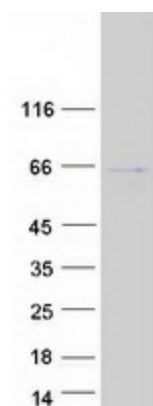
Cytogenetics: 11p15.4

RefSeq ORF: 1518

Synonyms: rd5; RDOB

**Summary:** This gene encodes a member of the Tubby family of bipartite transcription factors. The encoded protein may play a role in obesity and sensorineural degradation. The crystal structure has been determined for a similar protein in mouse, and it functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified TUB protein (Cat# [TP314538]). The protein was produced from HEK293T cells transfected with TUB cDNA clone (Cat# [RC214538]) using MegaTran 2.0 (Cat# [TT210002]).