

Product datasheet for **TP508131**

Tub (NM_021885) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tubby bipartite transcription factor (Tub), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR208131 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MTSKPHSDWIPYSVLDDEGSNLRQQKLDLRQALLEQKQKKKRQEPLMVQANADGRPRRRARQSEEQAPL
VESYLSSSGSTSYQVQEADSIASVQLGATRPPAPASAKKSKGAAASGGQGGAPRKEKKGKHKGTSGPATL
AEDKSEAQGPVQILTVGQSDHDKDAGETAAGGGAQPSGQDLRATMQRKGISSSMSFDEDEDEDENSSSSS
QLNSNTRPSSATSRKSIREAASAPSPAPEPPVDIEVQDLEEFALRPAPQGITIKCRITRDKKGMDRGMY
PTYFLHLDREDGKKVFLLAGRKRKSKTSNYLISVDPTDLRGGDSYIGKLRNLMGTKFTVYDNGVNPQ
KASSSTLESGLRQELAAVCYETNVLGFKGPRKMSVIVPGMNMVHERVCIRPRNEHETLLARWQNKNTES
IIELQNKTPVWDDTQSYVLNFHGRVTQASVKNFQIIHGNDPDYIVMQFGRVAEDVFTMDYNYPLCALQA
FAIALSSFDKSLACE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.4 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
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 after receiving vials.
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:	NP_068685



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Locus ID: 22141

UniProt ID: [P50586](#)

RefSeq Size: 5941

Cytogenetics: 7 57.21 cM

RefSeq ORF: 1518

Synonyms: rd5

Summary: Functions in signal transduction from heterotrimeric G protein-coupled receptors. Binds to membranes containing phosphatidylinositol 4,5-bisphosphate. Can bind DNA (in vitro). May contribute to the regulation of transcription in the nucleus. Could be involved in the hypothalamic regulation of body weight. Contribute to stimulation of phagocytosis of apoptotic retinal pigment epithelium (RPE) cells and macrophages (By similarity).[UniProtKB/Swiss-Prot Function]