

Product datasheet for **TP503682**

Tollip (NM_023764) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse toll interacting protein (Tollip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203682 representing NM_023764 Red =Cloning site Green =Tags(s) MATTVSTQRGPVYIGELPQDFLRITPTQQQQIQLDAQAAQQLQYGGTVGTVGRLSITWQAKLAKNYGM TRMDPYCRLRLGYAVYETPTAHNGAKNPRWNKVIQCTVPPGVDSFYLEIFDERAFSMDDRIAWTHITPE SLKQGQVEDEWYSLGRQGDDKEGMINLVMSYTSIPAAMMMPPQPVVLMPTVYQQGVGYVPIAGMPAVCS PGMVPMAMPPPAVAPQPRCNEEDLKAIQDMFPNMDREVIRSVLEAQRGNKDAAINSLLQMGEES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.8 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
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_076253
Locus ID:	54473
UniProt ID:	Q9QZ06
RefSeq Size:	3705



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Cytogenetics: 7 F5

RefSeq ORF: 822

Synonyms: 4930403G24Rik; 4931428G15Rik

Summary: Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity. Connects the ubiquitin pathway to autophagy by functioning as a ubiquitin-ATG8 family adapter and thus mediating autophagic clearance of ubiquitin conjugates. The TOLLIP-dependent selective autophagy pathway plays an important role in clearance of cytotoxic polyQ proteins aggregates (By similarity).[UniProtKB/Swiss-Prot Function]