

Recombinant Mouse Tollip Protein, Myc/DDK-tagged

Cat. No. Tollip-6578M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length toll interacting protein (Tollip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	30.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tollip toll interacting protein [*Mus musculus* (house mouse)]

Official Symbol Tollip

Synonyms TOLLIP; toll interacting protein; toll-interacting protein; 4930403G24Rik; 4931428G15Rik

Gene ID 54473

mRNA Refseq NM_023764

Protein Refseq NP_076253

UniProt ID Q9QZ06

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