

Recombinant Human TOLLIP, His-tagged

Cat. No. TOLLIP-29826TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human Tollip with a N terminal His tag; 294 amino acids, predicted molecular weight 32.4 kDa
Species	Human
Source	E.coli
ProteinLength	294 amino acids
Description	This gene encodes a ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase.
Conjugation	HIS
Molecular Weight	32.400kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 40% Glycerol, 0.2M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMATTVSTQRGPVYIGELPQDFLRITPTQQQRQVQL DAQAAQQLQYGGAVGTVGRLNITVVQAKLAKNYGMTRMDPYCRLRLGYAVYETPT AHNGAKNPRWNKVIHCTVPPGVDSFYLEIFDERAFSMDRIAETHITIPESLRQGKV EDKWYLSGRQGDDKEGMINLVMSYALLPAAMVMPPQPVVLMPTVYQQGVGYVPI TGMPAVCSPGMVPVALPPAAVNAQPRCSEEDLKAIQDMFPNMDQEVIRSVLEAQR GNKDAAINSLLQMGEPP
Sequence Similarities	Belongs to the tollip family. Contains 1 C2 domain. Contains 1 CUE domain.

GENE INFORMATION

Gene Name	TOLLIP toll interacting protein [Homo sapiens]
Official Symbol	TOLLIP
Synonyms	TOLLIP; toll interacting protein; toll-interacting protein; IL 1RAcPIP;
Gene ID	54472
mRNA Refseq	NM_019009
Protein Refseq	NP_061882
MIM	606277
Uniprot ID	Q9H0E2

Chromosome Location	11p
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; IL1-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem; Signaling by Interleukins, organism-specific biosystem;
Function	Toll-like receptor binding; kinase binding; protein binding; signal transducer activity;

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