

32-5102: Recombinant Human Toll Interacting Protein

Alternative Name : Toll-interacting protein,TOLLIP,IL-1RAcPIP.

Description

Source : Escherichia Coli. TOLLIP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 294 amino acids (1-274 a.a) and having a molecular mass of 32.4kDa.TOLLIP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Toll interacting protein (TOLLIP) is an inhibitory adaptor protein within Toll-like receptors. The TLR pathway is a part of the innate immune system which recognizes structurally conserved molecular patterns of microbial pathogens, initiating an inflammatory immune response. Negative regulation of TLR signaling by TOLLIP might restrict the production of proinflammatory mediators during inflammation and infection. Furthermore, TOLLIP forms a complex with Tom1 to regulate endosomal transferring of ubiquitinated proteins.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	TOLLIP protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.2M NaCl and 2mM DTT.
Storage condition :	TOLLIP Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MATTVSTQRG PVYIGELPQD FLRITPTQQQ RQVQLDAQAA QQLQYGGAVG TVGRLNITVV QAKLAKNYGM TRMDPYCRLR LGYAVYETPT AHNGAKNPRW NKVIHCTVPP GVDSFYLEIF DERAFSMDDR IAWTHITPE SLRQGKVEDK WYLSGRQGD DKEGMINLVM SYALLPAAMV MPPQPVLMP TVYQQGVGYV PITGMPAVCS PGMVPVALPP AAVNAQPRCS EEDLKAIQDM FPNMDQEVIR SVLEAQRGNK DAAINSLLQM GEEP.