

**Recombinant Human Toll-Interacting Protein/TOLLIP Protein(C-6His)**

**Cat.NO.: TP05761**

3th Edition

**Synonyms:**Toll-Interacting Protein; TOLLIP

**Description:**Toll-Interacting Protein (TOLLIP) is a member of the tollip family. TOLLIP localizes to the cytoplasm. It contains one C2 domain and one CUE domain. TOLLIP is an inhibitory adaptor protein for Toll-like receptors (TLR). The Toll-like receptors pathway is a part of the immune system that recognize structurally conserved molecular patterns of microbial pathogens, resulting in an inflammatory immune response. TOLLIP constitutes a complex with Tom1 to regulate endosomal transferring of ubiquitinated proteins. TOLLIP can negative regulate Toll-like receptors signaling, which may limit the production of proinflammatory mediators during the process of inflammation and infection.

**Form:**PBS

**Molecular Weight:**31.3 kDa

**Sequences:**Ala2-Pro274

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.