

Product datasheet for TP307162L

TIRAP (NM_001039661) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human toll-interleukin 1 receptor (TIR) domain containing adaptor protein (TIRAP), transcript variant 3, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC207162 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MASSTSLPAPGSRPKKPLGKMADWFRQTLLKKPKKRPNSPESTSSDASQPTSQDSPLPPSLSSVTSPSLP PTHASDSGSSRWKDYDVCVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDATPGGAIVSELQALSSS HCRVLLITPGFLQDPWCKYQMLQALTEAPGAEGCTIPLLSGLSRAAYPELRFMYVVDGRGPDGGFRQVK EAVMRYLQTLSWHLLYHGTPEIGVKLETENPCRASDSHKCDKRYRE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 23.7 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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_001034750 |
| Locus ID: | 114609 |



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UniProt ID: [P58753](#), [A0A024R3M4](#)

RefSeq Size: 2348

Cytogenetics: 11q24.2

RefSeq ORF: 666

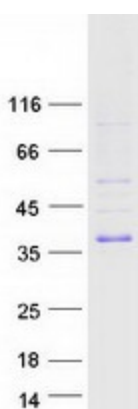
Synonyms: BACTS1; Mal; MyD88-2; wyatt

Summary: The innate immune system recognizes microbial pathogens through Toll-like receptors (TLRs), which identify pathogen-associated molecular patterns. Different TLRs recognize different pathogen-associated molecular patterns and all TLRs have a Toll-interleukin 1 receptor (TIR) domain, which is responsible for signal transduction. The protein encoded by this gene is a TIR adaptor protein involved in the TLR4 signaling pathway of the immune system. It activates NF-kappa-B, MAPK1, MAPK3 and JNK, which then results in cytokine secretion and the inflammatory response. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Toll-like receptor signaling pathway

Product images:



Coomassie blue staining of purified TIRAP protein (Cat# [TP307162]). The protein was produced from HEK293T cells transfected with TIRAP cDNA clone (Cat# [RC207162]) using MegaTran 2.0 (Cat# [TT210002]).