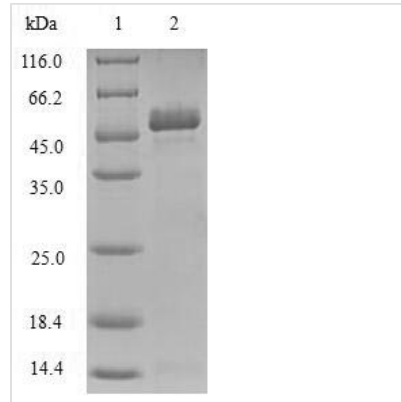




Recombinant Human Toll/interleukin-1 receptor domain-containing adapter protein (TIRAP)

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-EP023570HU |
| Relevance | Adapter involved in TLR2 and TLR4 signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha and interleukin-6. |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P58753 |
| Alias | Adaptor protein Wyatt MyD88 adapter-like protein |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MASSTSLPAPGSRPKKPLGKMADWFRQTLKPKKRPNSPESTSSDASQPTS QDSPLPPSLSSVTSPSLPPTHASDSGSSRWSKDYDVCVCHSEEDLVAAQDLV SYLEGSTASLRCFLQLRDATPGGAIVSELQALSSSHCRVLLITPGFLQDPWCK YQMLQALTEAPGAEGCTIPLLSGLSRAAYPPELRFMYVVDGRGPDGGFRQVK EAVMRYLQTLS |
| Research Area | Immunology |
| Source | E.coli |
| Target Names | TIRAP |
| Protein Names | Recommended name: Toll/interleukin-1 receptor domain-containing adapter protein Short name= TIR domain-containing adapter protein Alternative name(s): Adaptor protein Wyatt MyD88 adapter-like protein |
| Expression Region | 1-221aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal GST-tagged |
| Mol. Weight | 50.9kDa |
| Protein Length | Full Length |
| Image | |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.