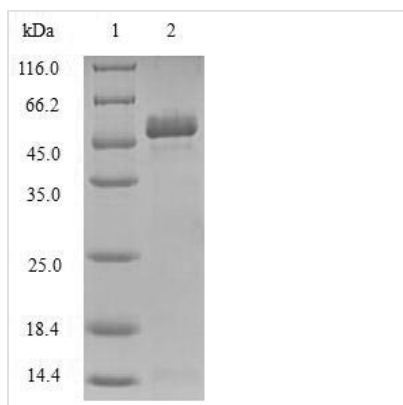




Recombinant Human Toll/interleukin-1 receptor domain-containing adapter protein (TIRAP)

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.
Abbreviation	Recombinant Human TIRAP protein
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 QDSPLPPSLSSVTSPSLPPTHASDSGSSRWKDYDVCVCHSEEDLVAAQDLV 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

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