

Product datasheet for PH307162

TIRAP (NM_001039661) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TIRAP MS Standard C13 and N15-labeled recombinant protein (NP_001034750)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207162
Predicted MW:	28 kDa
Protein Sequence:	>RC207162 protein sequence Red=Cloning site Green=Tags(s) MASSTSLPAPGSRPKKPLGKMADWFRQTLLKKPKKRPNSPESTSSDASQPTSQDSPLPSSLSSVTSPLP PTHASDSGSSRWKDYDVCVCHSEEDLVAAQDLVSYLEGSTASLRCFLQLRDATPGGAIIVSELCCQALSSS HCRVLLITPGFLQDPWCKYQMLQALTEAPGAEGCTIPLL SGLSRAAYPPELRFMYVYDGRGPDGGFRQVK EAVMRYLQTL SWHLLYHGTPEIGVKLETENPCRASDSHKCDKRYRE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001034750
RefSeq Size:	2348
RefSeq ORF:	666
Synonyms:	BACTS1; Mal; MyD88-2; wyatt
Locus ID:	114609
UniProt ID:	P58753 , A0A024R3M4



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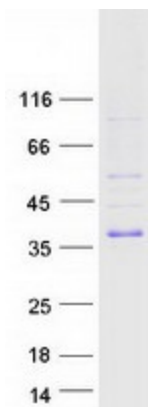
Cytogenetics: 11q24.2

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]).