

Recombinant Human TIRAP Protein, MYC/DDK-tagged

Cat. No. TIRAP-1117H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TIRAP protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	23.7 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	TIRAP toll-interleukin 1 receptor (TIR) domain containing adaptor protein [Homo sapiens]
Official Symbol	TIRAP
Synonyms	BACTS1; Mal; MyD88-2; wyatt
Gene ID	114609
mRNA Refseq	NM_001039661
Protein Refseq	NP_001034750
MIM	606252
UniProt ID	P58753

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