

Product datasheet for TP525270

Tirap (NM_054096) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse toll-interleukin 1 receptor (TIR) domain-containing adaptor protein (Tirap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225270 protein sequence Red =Cloning site Green =Tags(s)
	 MASSSSVPASSTPSKKPRDKIADWFRQALLKKPKKMPISQESHLYDGSQTATQDGLSPSSCSSPPSHSSP ESRSSPSSCSSGMSPTSPPTHVDSSSSSSGRWSKDYDVCVCHSEEDLEAAQELVSYLEGSQASLRCFLQL RDAAPGGAIIVSELQALSRSRSHCRALLITPGFLRPWCKYQMLQALTEAPASEGCTIPLLSGLSRAAYPPE LRFMYVVDGRGKDGGFYQVKEAVIHYLETLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26 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
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 after receiving vials.
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_473437
Locus ID:	117149
UniProt ID:	Q99JY1 , Q542S6 , H3BKL1
RefSeq Size:	4741



[View online »](#)

Cytogenetics: 9 A4

RefSeq ORF: 726

Synonyms: AA407980; C130027E04Rik; Mal; Tlr4ap; Wyatt

Summary: Adapter involved in the 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 (By similarity). Positively regulates the production of TNF-alpha and interleukin-6 (By similarity).[UniProtKB/Swiss-Prot Function]