9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TIRAP Human

Toll-Interleukin 1 Receptor (TIR) Domain Containing Adaptor Protein Human Recombinant
RCP2385

Product Overview

Name	TIRAP Human
Description	
Toll-Interleukin 1 Receptor (TIR) Domain Containing Adaptor Protein Human Recombinant	
Accession (Primary)	P58753
Synonyms	
Toll-interleukin 1 receptor (TIR) domain containing adaptor protein, adapter protein wyatt, BACTS1, Mal, wyatt, Toll-like receptor adaptor protein, TIR domain-containing adapter protein, MyD88 adapter-like protein.	
Introduction	
Toll-interleukin1 receptor (TIR) domain containing adaptor protein (TIRAP) contains 1 TIR domain. TIRAP is an adapter molecule linked with toll-like receptors. TIRAP is required in TLR2 and TLR4 signaling pathways in the innate immune response. TIRAP activates NF-kappa-B, MAPK1, MAPK3 and JNK, which subsequently results in cytokine secretion and the inflammatory response. TIRAP is highly expressed in the liver, kidney, spleen, skeletal muscle and heart. TIRAP is also found in peripheral blood leukocytes, lung, placenta, small intestine, thymus, colon and brain.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The TIRAP solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MASSTSL PAPGSRPKKP LGKMADWFRQ TLLKKPKKRP NSPESTSSDA SQPTSQDSPL PPSLSSVTSP SLPPTHASDS GSSRWSKDYD VCVCHSEEDL VAAQDLVSYL EGSTASLRCF LQLRDATPGG AIVSELCQAL SSSHCRVLLI TPGFLQDPWC KYQMLQALTE APGAEGCTIP LLSGLSRAAY	

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PPELRFMYYV DGRGPDGGFR QVKEAVMRYL QTLS

Precautions

TIRAP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P58753)