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32-5085: Recombinant Human Toll-Like Receptor Adaptor Molecule 2

Alternative Name :	Toll-like receptor adaptor molecule 2,TIRP,TRAM,TICAM-2,Putative NF-kappa-B-activating protein 502,Toll-like receptor adaptor protein 3,TIRAP3,cytoplasmic adaptor,TIR domain-containing adapter molecule 2,toll/interleukin-1 receptor (TIR) dom

Description

Source : E.coli. TICAM2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 259 amino acids (1-235) and having a molecular mass of 29.4kDa.TICAM2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TICAM2 belongs to the Toll/interleukin-1 receptor (TIR) family, a group of proteins which include the Toll-like receptors (TLRs). TICAM2, a cytoplasmic protein, physically bonds TLR4 and TICAM-1 and functionally transfers LPS-TLR4 signaling to TICAM-1, that sequentially activates IRF-3. TICAM2 takes part in IL1-triggered NF-kappa-B activation, operating upstream of IRAK1, IRAK2, TRAF6, and IKBKB.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The TICAM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMGIGKS KINSCPLSLS WGKRHSVDTS PGYHESDSKK SEDLSLCNVA EHSNTTEGPT GKQEGAQSVE EMFEEEAEEE VFLKFVILHA EDDTDEALRV QNLLQDDFGI KPGIIFAEMP CGRQHLQNLD DAVNGSAWTI LLLTENFLRD TWCNFQFYTS LMNSVNRQHK YNSVIPMRPL NNPLPRERTP FALQTINALE EESRGFPTQV ERIFQESVYK TQQTIWKETR NMVQRQFIA