

## 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 CGRQHLQNL DAVNGSAWTI LLLTENFLRD TWCNFQFYTS LMNSVNRQHK YNSVIPMRPL  
 NNPLPRERTP FALQTINALE EESRGFPTQV ERIFQESVYK TQQTWKE TR NMVQRQFIA

