

TICAM2 Human

Description: 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.

Catalog #: PRPS-1043

For research use only.

Synonyms: 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) domain-c

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMGIGKS KINSCPLSLS
WGKRHSVDTS PGYHESDSKK SEDLSLCNVA EHSNTTEGPT GKQEGAQSVE EMFEEEEEEEE
VFLKFVILHA EDDTDEALRV QNLLQDDFGI KPGIIFAEMP CGRQHLQNLD DAVNGSAWTI
LLL TENFLRD TWCNFQFYTS LMNSVNRQHK YNSVIPMRPL NNPLPRERTP FALQTINALE
EESRGFPTQV ER

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The TICAM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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 IKKBK.

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