9051 Mira Mesa Blvd, #910094
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TICAM2 Human

Toll-Like Receptor Adaptor Molecule 2 Human Recombinant
RCP2378

Product Overview

Name	TICAM2 Human

Description

Toll-Like Receptor Adaptor Molecule 2 Human Recombinant

Accession (Primary)	Q86XR7

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-containing adapter protein, TRIF-related adaptor molecule.

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 IKBKB.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

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.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MGIGKS KINSCPLSLS WGKRHSVDTS PGYHESDSKK SEDLSLCNVA EHSNTTEGPT GKQEGAQSVE EMFEEEAEEE VFLKFVILHA EDDTDEALRV QNLLQDDFGI KPGIIFAEMP CGRQHLQNLD DAVNGSAWTI LLLTENFLRD TWCNFQFYTS LMNSVNRQHK YNSVIPMRPL NNPLPRERTP

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FALQTINALE EESRGFPTQV ERIFQESVYK TQQTIWKETR NMVQRQFIA

Precautions

TICAM2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q86XR7)