

Recombinant Human TICAM1 Protein, His-tagged

TICAM1-648H Human

Lot. No. (See product label)

Specification

Product Overview Recombinant Human TICAM1(Gln443~Gln685) fused with His tag at N-terminal was expressed in E. coli.

Description This gene encodes an adaptor protein containing a Toll/interleukin-1 receptor (TIR) homology domain, which is an intracellular signaling domain that mediates protein-protein interactions between the Toll-like receptors (TLRs) and signal-transduction components. This protein is involved in native immunity against invading pathogens. It specifically interacts with toll-like receptor 3, but not with other TLRs, and this association mediates dsRNA induction of interferon-beta through activation of nuclear factor kappa-B, during an antiviral immune response.

Source E. coli

Species Human

Tag His

Form PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Molecular Mass 30.15kDa

Protein length Gln443~Gln685

Endotoxin <1.0EU per 1µg (determined by the LAL method)

Purity >95%

Applications Positive Control; Immunogen; SDS-PAGE; WB.
If bio-activity of the protein is needed, please check active protein.

Stability The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

Gene Information

Gene Name [TICAM1 toll-like receptor adaptor molecule 1 \[Homo sapiens \]](#)

Official Symbol [TICAM1](#)

For Research Use Only

Creative BioMart. All rights reserved

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net

Synonyms

TICAM1; toll-like receptor adaptor molecule 1; TIR domain-containing adapter molecule 1; MGC35334; PRVTIRB; TICAM 1; TRIF; putative NF-kappa-B-activating protein 502H; TIR domain containing adaptor inducing interferon-beta; TIR domain-containing adapter protein inducing IFN-beta; proline-rich, vinculin and TIR domain-containing protein B; toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta; TICAM-1;

Gene ID [148022](#)

mRNA Refseq [NM_182919](#)

Protein Refseq [NP_891549](#)

MIM [607601](#)

UniProt ID [Q8IUC6](#)

For Research Use Only

[Creative BioMart](#). All rights reserved

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net