Recombinant Human TICAM1 Protein, His-tagged

Cat. No. TICAM1-648H **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.
Species	Human
Source	E.coli
ProteinLength	Gln443~Gln685
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.15kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

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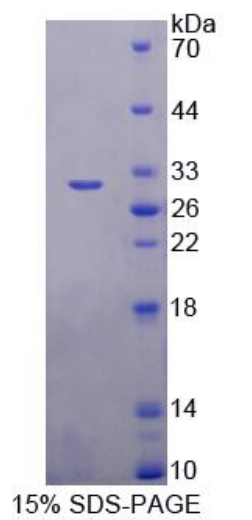
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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
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

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MIM	607601
UniProt ID	Q8IUC6



15% SDS-PAGE

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