

## Product datasheet for **TP761852**

### TRIF (TICAM1) (NM\_182919) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human toll-like receptor adaptor molecule 1 (TICAM1), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length TICAM1
Tag:	N-GST and C-His
Predicted MW:	104.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_891549</a>
Locus ID:	148022
UniProt ID:	<a href="#">Q8IUC6</a>
RefSeq Size:	2460
Cytogenetics:	19p13.3
RefSeq ORF:	2136
Synonyms:	IIAE6; MyD88-3; PRVTIRB; TICAM-1; TRIF



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**Summary:**

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. Mutations in this gene are associated with encephalopathy, acute, infection-induced. [provided by RefSeq, Jul 2020]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Toll-like receptor signaling pathway

**Product images:**