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Product Information

MemDX™ Membrane Protein Human TICAM1 (Toll like receptor adaptor molecule 1)

Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX0971K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TICAM1 membrane protein expressed *in vitro E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
TICAM1

Protein Length
Full Length

Protein Class
Immunity

Molecular Weight
79.9kDa

Sequence
MACTGPSLPSAFDILGAAGQDKLLYLKHKLKTPRPGCQGQDLLHAMVLLKLGQETEARISLEALKADAVARLVARQWAGVDSTEDP

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE.

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TICAM1

Full Name

Toll like receptor adaptor molecule 1

Introduction

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.

Alternative Names

TICAM1; TRIF; IIAE6; MyD88-3; PRVTIRB; TICAM-1; TIR domain-containing adapter molecule 1; TIR domain containing adaptor inducing interferon-beta; TIR domain-containing adapter protein inducing IFN-beta; proline-rich, vinculin and TIR domain-containing protein B; putative NF-kappa-B-activating protein 502H; toll-interleukin-1 receptor domain-containing adapter protein inducing interferon beta; Toll like receptor adaptor molecule 1

Gene ID

148022

UniProt ID

Q8IUC6

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