

Recombinant Human TICAM2 293 Cell Lysate

Cat. No. TICAM2-1079HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for toll-like receptor adaptor molecule 2 (TICAM2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TICAM2 toll-like receptor adaptor molecule 2 [Homo sapiens]

Official Symbol

TICAM2

Synonyms

TICAM2; toll-like receptor adaptor molecule 2; TIR domain-containing adapter molecule 2; TICAM 2; TIRP; TRAM; cytoplasmic adaptor; TRIF-related adaptor molecule; NF-kappa-B-activating protein 502; toll-like receptor adaptor protein 3; putative NF-kappa-B-activating protein 502; toll/interleukin-1 receptor (TIR) domain-containing adapter protein; TIRAP3; TICAM-2; MGC129876; MGC129877;

Gene ID

353376

mRNA Refseq

NM_021649

Protein Refseq

NP_067681

MIM

608321

UniProt ID

Q86XR7

**Chromosome
Location**

5q15-q32

Pathway

Activated TLR4 signalling, organism-specific biosystem; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon, organism-specific biosystem; IKK complex

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

recruitment mediated by RIP1, organism-specific biosystem; IL1-mediated signaling events, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem;

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

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