

## Recombinant Human TIAM2 cell lysate

Cat. No. TIAM2-1780HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

TIAM2 T-cell lymphoma invasion and metastasis 2 [ Homo sapiens ]

**Official Symbol**

TIAM2

**Synonyms**

TIAM2; T-cell lymphoma invasion and metastasis 2; T-lymphoma invasion and metastasis-inducing protein 2; STEF; SIF and TIAM1-like exchange factor; TIAM-2; FLJ41865;

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<b>Gene ID</b>	26230
<b>mRNA Refseq</b>	NM_001010927
<b>Protein Refseq</b>	NP_001010927
<b>MIM</b>	604709
<b>UniProt ID</b>	Q8IVF5
<b>Chromosome Location</b>	6q25
<b>Pathway</b>	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Metabolism, organism-specific biosystem;
<b>Function</b>	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; receptor signaling protein activity;

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