

Recombinant Human TIAM2 cell lysate

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

SPECIFICATION

Product Overview

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;

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	FLJ41865;
Gene ID	26230
mRNA Refseq	NM_001010927
Protein Refseq	NP_001010927
MIM	604709
UniProt ID	Q8IVF5
Chromosome Location	6q25
Pathway	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;
Function	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; receptor signaling protein activity;