

Product Information

MemDX™ Membrane Protein Human TIAM2 (TIAM Rac1 associated GEF 2) for Antibody

Discovery

Cat. No.: **MP1354X**

This product is for research use only and is not intended for diagnostic use.

This product is a 97.2 kDa Human TIAM2 membrane protein expressed in *In vitro* wheat germ 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

TIAM2

Protein Length

Full-length

Molecular Weight

97.2 kDa

Sequence

MEGPRENQDPPPRPLARHLSDADRLRKVIQELVDTEKSYVKDLSCFLFELYLEPLQNETFLTQDEMESLFGSLPEMLEFQKVFLETLE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

TIAM2

Full Name

TIAM Rac1 associated GEF 2

Introduction

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.

Alternative Names

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

Gene ID

[26230](#)

UniProt ID

[Q8IVF5](#)