

Product Information

MemDX™ Membrane Protein Human SIT1 (Signaling threshold regulating transmembrane adaptor 1) expressed in *E.coli* for Antibody Discovery

Cat. No.: **MP1134X**

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

This product is a 16.9 kDa Human SIT1 membrane protein expressed in *E. coli*. 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

SIT1

Protein Length

Full-length

Molecular Weight

16.9 kDa

TMD

1

Sequence

MGSSHHHHHHSSGLVPRGSHMHLSQWTRGRSRSHPGQGGRSGESVEEVPLYGNLHYLQTGRLSQDPEPDQQDPTLGGPARAAE

Product Description

Application

SDS-PAGE

Expression Systems

E. coli

Tag

His tag

Form

Liquid

Purity

> 90% by SDS-PAGE

Buffer

20 mM Tris-HCl buffer, pH 8.0 (20% glycerol)

Storage

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

Target**Target Protein**

SIT1

Full Name

Signaling threshold regulating transmembrane adaptor 1

Introduction

Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.

Alternative Names

SIT; SIT-R; signaling threshold-regulating transmembrane adapter 1; SHP-2 interacting transmembrane adaptor protein; SHP2 interacting transmembrane adaptor; SHP2-interacting transmembrane adapter protein; SHP2-interacting transmembrane adaptor protein; gp30/40; suppression inducing transmembrane adaptor 1; suppression-inducing transmembrane adapter 1

Gene ID

[27240](#)

UniProt ID

[Q9Y3P8](#)