

Product Information

MemDX™ Membrane Protein Human TIGIT (T cell immunoreceptor with Ig and ITIM domains)

Cat. No.: **MP0128J**

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

This product is a 26.1 kDa Human TIGIT membrane protein expressed in HEK293T. 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

TIGIT

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

26.1 kDa

TMD

1

Sequence

MRWCLLLIWAQGLRQAPLASGMMTGTIETTGNISAEKGGSIILQCHLSSTTAQVTQVNWEQQDQLLAICN
ADLGWHISPSFKDRVAPGPGGLGLTLQSLTVNDTGEYFCIYHTYPDGTYTGRIFLEVLESSVAEHGARFQI
PLLGAMAATLVVICTAVIVVVALTRKKKALRIHSVEGDLRRKSAGQEEWSPSAPSPPGSCVQAEAAPAGL
CGEQRGEDCAELHDYFNVLSYRSLGNCSFFTETG

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

TIGIT

Full Name

T cell immunoreceptor with Ig and ITIM domains

Introduction

This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.

Alternative Names

VSIG9; VSTM3; WUCAM; V-set and immunoglobulin domain containing 9; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain containing 3; V-set and transmembrane domain-containing protein 3; VSIG9, VSTM3; Washington University cell adhesion molecule

Gene ID

[201633](#)

UniProt ID

[Q495A1](#)