

Product Information

MemDX™ Membrane Protein Human VTCN1 (V-set domain containing T cell activation inhibitor 1) Full Length

Cat. No.: **MPC3703K**

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

This product is a made-to-order Human VTCN1 membrane protein expressed in HEK293. 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

VTCN1

Protein Length

Full length

Protein Class

Immunity

TMD

1

Sequence

MASLGQILFWSIISIILAGAIALIIGFGISGRHSITVTTVASAGNIGE
DGILSCTFEPDIKLSDIVIQWLKEGVLGLVHEFKEGKDELSEQDEMFRGR
TAVFADQVIVGNASRLKKNVQLTDAGTYKCYIITSKGKGNANLEYKTGAF
SMPEVNVVDYNASSETLRCEAPRWFPQPTVVWASQVDQGANFSEVSNTSFE
LNSENVTMKVVSVLYNVTINNTYSCMIENDIAKATGDIKVTSEIKRRSH
LQLLSKASLCVSSFFAISWALLPLSPYMLK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

VTCN1

Full Name

V-set domain containing T cell activation inhibitor 1

Introduction

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

VTCN1; B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291; V-set domain-containing T-cell activation inhibitor 1; B7 family member, H4; B7 homolog 4; B7 superfamily member 1; T cell costimulatory molecule B7x; immune costimulatory protein B7-H4; V-set domain containing T cell activation inhibitor 1

Gene ID

[79679](#)

UniProt ID

[Q7Z7D3](#)