

## Product Information

### MemDX™ Membrane Protein Human TRAM1 (Translocation associated membrane protein 1)

#### Full Length

Cat. No.: **MPC3955K**

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

This product is a made-to-order Human TRAM1 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

TRAM1

##### Protein Length

Full length

##### Protein Class

Transporter

##### TMD

8

##### Sequence

MAIRKKSTKSPPVLSHEFVLQNHADIVSCVAMVFLLGLMFEITAKASIIF  
VTLQYNVTLTPATEEQATESVSLYYYGIKDLATVFFYMLVAIIHAVIQEY  
MLDKINRRMHFSKTKHSKFNESGQLSAFYLFACVWGTFILISENYISDPT  
ILWRAYPHNLMTFQMFFYISQLAYWLHAFPELYFQKTKKEDIPRQLVYI  
GLYLFHIIAGAYLLNLNLHLGLVLLVLHYFVEFLFHISRLFYFSNEKYQKGF  
SLWAVLFVLGRLLTLILSVLTVGFLARAENQKLDSTGNFNVLAIRIIV  
LASICVTQAFMMWKFINFQLRRWREHSAFQAPAVKKKPTVTKGRSSKKGT  
ENGVNGTLTSNVADSPRNKKEKSS

#### 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**

TRAM1

**Full Name**

Translocation associated membrane protein 1

**Introduction**

This gene encodes a multi-pass membrane protein that is part of the mammalian endoplasmic reticulum. The encoded protein influences glycosylation and facilitates the translocation of secretory proteins across the endoplasmic reticulum membrane by regulating which domains of the nascent polypeptide chain are visible to the cytosol during a translocational pause.

**Alternative Names**

TRAM1; TRAM; PNAS8; TRAMP; translocating chain-associated membrane protein 1; translocating chain-associating membrane protein; translocation-associating membrane protein 1; Translocation associated membrane protein 1

**Gene ID**

[23471](#)

**UniProt ID**

[Q15629](#)