

Product Information

MemDX™ Membrane Protein Human STARD3 (StAR related lipid transfer domain containing

3) Full Length

Cat. No.: **MPC4107K**

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

This product is a made-to-order Human STARD3 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

STARD3

Protein Length

Full length

Protein Class

Transporter

TMD

4

Sequence

MSKLPRELTRDLERSLPAVASLGSSLSHSQSLSSHLLPPPEKRRRAISDVR
RTFCLFVTFDLLFISLLWIELNTNTGIRKNLEQEIIQYNFKTSFFDIFV
LAFFRFSGLLGYAVLRRLRHHWWVIAVTTLVSSAFLIVKVLSELLSKGAF
GYLLPIVSFVLAWLETWFLDFKVLQPQEAEEERWYLAAQVAVARGPLLFSG
ALSEGQFYSPPEFAGSDNESDEEVAGKKSFSAQEREYIRQGKEATAVVD
QILAQEENWKFENNEYGDTVYITIEVPFHGKTFILKTFLPCPAELVYQEV
ILQPERMVLWNKTVTACQILQRVEDNTLISYDVSAGAAGGVVSPRDFVNV
RRIERRDRYLSSGIATSHSAKPPTHKYVRGENGPGGFIVLKSASNPRVC
TFVWILNTDLKGRLPRYLHQSLAATMFEFAFHLRQRISLGARA

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**

STARD3

Full Name

StAR related lipid transfer domain containing 3

Introduction

This gene encodes a member of a subfamily of lipid trafficking proteins that are characterized by a C-terminal steroidogenic acute regulatory domain and an N-terminal metastatic lymph node 64 domain. The encoded protein localizes to the membranes of late endosomes and may be involved in exporting cholesterol. Alternative splicing results in multiple transcript variants.

Alternative Names

STARD3; CAB1; es64; MLN64; MLN 64; START domain-containing protein 3; StAR-related lipid transfer (START) domain containing 3; metastatic lymph node gene 64 protein; metastatic lymph node protein 64; steroidogenic acute regulatory protein related; StAR related lipid transfer domain containing 3

Gene ID

[10948](#)

UniProt ID

[Q14849](#)