

Product Information

MemDX™ Membrane Protein Human SCARF1 (Scavenger receptor class F member 1) Full

Length

Cat. No.: **MPC2603K**

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

This product is a made-to-order Human SCARF1 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

SCARF1

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MGLGLLLPLLLLWTRGTQGSELDPKGQHVCVASSPSAELQCCAGWRQKDQ
ECTIPICEGPDACQKDEVCKVPLGLCRCKPGFFGAHCSSRCPGQYWGPD
ESCPCHPHGQCEPATGACQCQADRWGARCEFFCACGPHGRCDPATGVCHC
EPGWWSSTCRRPCQCNTAAARCEQATGACVCKPGWWGRRCSFRCNCHGSP
CEQDSGRCACRPGWWGPECQQCECVRGRCSAASGECTCPPGFRGARCEL
PCPAGSHGVQCAHSCGRCKHNEPCSPDTGSCESCEPGWNGTQCQQPCLPG
TFGESCEQQCPHCRHGEACEPDTGHCQRCDPGWLGPRCEDPCPTGTFGED
CGSTCPTCVQGSCTVTGDCVCSAGYWGPNASCPAGFHGNNCSVPCEC
PEGLCHPVSGSCQPGSGSRDTALIAGSLVPLLLLFLGLACCACCCWAPRS
DLKDRPARDGATVSRMKLQVWGTLSLSTLPCRSLSSHKLPWVTVSHHD
PEVPFNHSFIEPPSAGWATDDSFSSDPESGEADEVPAICVPPQEGMVPVA
QAGSSEASLAAGAFPPPEDASTPFAIPRTSSLARAKRPSVSFAEGTKFAP
QSRSSGELSSPLRKPRLSRGAQSGPEGREAEESTGPEEAEAPESFPAA
ASPGDSATGHRPPLGGRTVAEHVEAIEGVSQESSGPVTTIYMLAGKPRG
SEGPVRSVFRHFGSFQKQAEAKVKRAIPKPPRQALNRKKGSPGLASGSV
GQSPNSAPKAGLPGATGPMAVRPEEAVRGLGAGTESSRAQEPVSGCGSP
EQDPQKQAEERQEEPEYENVVPISRPPEP

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

SCARF1

Full Name

Scavenger receptor class F member 1

Introduction

The protein encoded by this gene is a scavenger receptor that is expressed in endothelial cells. It regulates the uptake of chemically modified low density lipoproteins, including acetylated low density lipoprotein (Ac-LDL), and it may be involved in atherogenesis. This gene is regulated by the transcription factors ZNF444/EZF-2 and SP1. Alternative splicing results in multiple transcript variants.

Alternative Names

SCARF1; SREC; SREC1; SREC-I; scavenger receptor class F member 1; acetyl LDL receptor; scavenger receptor expressed by endothelial cells 1; Scavenger receptor class F member 1

Gene ID

[8578](#)

UniProt ID

[Q14162](#)