

Product Information

MemDX™ Membrane Protein Human DSCAML1 (DS cell adhesion molecule like 1) Full

Length

Cat. No.: **MPC4208K**

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

This product is a made-to-order Human DSCAML1 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

DSCAML1

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MWLVTFLLLDSLHKARPEDVGTSLYFVNDSLQQVTFSSSVGVVPCPAA
GSPSAALRWYLATGDDIYDVPHIRHVHANGTLQLYFSPSAFNSFIHDND
YFCTAENAAGKIRSPNIRVKAVFREPYTVRVEDQRSMRGNVAVFKCLIPS
SVQEYVSVVSWEKDTVSIPEHRFFITYHGGLYISDVQKEDALSTYRCIT
KHKYSGETRQSNARLSVTDPAESIPTILDGFHSQEVWAGHTVELPCTAS
GYPIPAIRWLKDGRLPADSRWTKRITGLTISDLRTEDSGTYICEVTNTF
GSAEATGILMVIDPLHVTLPKKLKTGIGSTVILSCALTGSPEFTIRWYR
NTELVLDPDEAISIRGLSNETLLITSAQKSHSGAYQCFATRKAQTAQDFAI
IALEDGTPRIVSSFSEKVVNPGEQFSLMCAAKGAPPPTVTWALDDEPIVR
DGSHTNQTMSDGTITSHMNVTPGQIRDGGVYRCTARNLVGSAEQARI
NVRGPPSIRAMRNITAVAGRDTLINCVRVIGYPYYSIKWYKDALLPDNHR
QVVFENGTLKLTVDVQKGMDEGEYLCVLIQPQLSISQSVHVAVKVPPLIQ
PFEFPPASIGQLLYIPCVVSSGDMPIRITWRKDGQVIISGSGVTIESKEF
MSSLQISSVSLKHNGNYTCIASNAAATVSRERQLIVRPPRFVVQPNNQD
GIYGKAGVLNCSVDGYPPPKVMWKHAKGSGNPQQYHPVPLTGRIQLPNS
SLLIRHVLEEDIGYYLCQASNGVGTDISKSMFLTVKIPAMITSHPNTTIA
IKGHAKELNCTARGERPIIRWEKGDVIDPDRVMRYAIATKDNNGDEVVS
TLKLKPADRGDSVFFSCHAINS YGEDRGLIQLTVQEPPDPPELEIREVKA
RSMNLRWTQRFDGNSIITGFIDIEYKNKSDSWDFKQSTRNISPTINQANIV
DLHPASVYSIRMYSFNKGIRSEPSKELTISTEEAAPDGPPMDVTLQPVTS
QSIQVTWKAPKKELQNGVIRGYQIGYRENSPGSNGQYSIVEMKATGDSEV
YTLDNLKKFAQYGVVVQAFNRAGTGPSSSEINATTLEDVPSQPPENVRAL

SITSDVAVISWSEPPRSTLNGVLKGYRVIFWSLYVDGEWGEMQNITTTRE
RVELRGMEKFTNYSVQVLAYTQAGDGVRRSSVLYIQTKEDVPGPPAGIKAV
PSSASSVVVSWLPPTKPNGVIRKYTIFCSPGSGQPAPSEYETSPEQLFY
RIAHLNRGQQYLLWVAAVTSAGRGNSSSEKVTIEPAGKAPAKIISFGGTVT
TPWMKDVRLPCNSVGDPAVAVKWTKDSEDAIPVSMMDGHRLIHTNGTLLL
RAVKAEDSGYYTCTATNTGGFDTIIVNLLVQVPPDQPRLTVSKTSASSIT
LTWIPGDNGGSSIRGFVLQYSVDNSEEWKDVFISSSERSFKLDSLKCGTW
YKVKLAAKNSVGSGRISEIIEAKTHGREPSFSKDQHLFTHINSTHARLNL
QGWNNGGCPITAIVLEYRPGKTAWWQGLRANSSGEVFLTELREATWYELR
MRACNSAGCGNETAQFATLDYDYGSTIPPIKSAQGEEDVKKLFTIGCPVI
LATLGVALLFIVRKKRKEKRLKRLRDAKSLAEMLISKNNRSFDTVPKGGP
QGPRLHIDIPRVQLLIEDKEGIKQLGDDKATIPVTDAEFSQAVNPQSFC
GVSLHHPTLIQSTGPLIDMSDIRPGTNPVSRKNVKSASHTNRNRYSSQWTL
TKCQASTPARTLTSDWRTVGSQHGVTVTESDSYASLSQDQTDKGRNSMVS
TESASSTYEELARAYEHAKLEEQLQHAKFEITECFISDSSSDQMTTGTNE
NADSMTSMSTPSEPGICRFTASPPKPQDADRGKNVAVPIPHRANKSDYCN
LPLYAKSEAFFRKADGREPCPVPPREASIRNLARTYHTQARHLTLDPAS
KSLGLPHPGAPAAASTATLPQRTLAMPAPPAGTAPPAPGPTPAEPPTAPS
AAPPAPSTEPPRAGGPHTKMGGSRDSLLEMSTSGVGRSQKQGAGAYSKSY
TLV

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

DSCAML1

Full Name

DS cell adhesion molecule like 1

Introduction

The protein encoded by this gene is a member of the Ig superfamily of cell adhesion molecules and is involved in neuronal differentiation. The encoded membrane-bound protein localizes to the cell surface, where it forms aggregates that repel neuronal processes of the same cell type.

Alternative Names

DSCAML1; DSCAM2; Down syndrome cell adhesion molecule-like protein 1; DSCAM-like 1; Downs syndrome cell adhesion molecule like 1; down syndrome cell adhesion molecule 2; DS cell adhesion molecule like 1

Gene ID

[57453](#)

UniProt ID

[Q8TD84](#)