

Product Information

MemDX™ Membrane Protein Human NECTIN4 (Nectin cell adhesion molecule 4) Full Length

Cat. No.: **MPC3369K**

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

This product is a made-to-order Human NECTIN4 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

NECTIN4

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MPLSLGAEMWGPEAWLLLLLLLASFTGRCPAGELETSDVVTVVLGQDAKL
PCFYRGDSGEQVGQVAWARVDAGEGAQELALLHSKYGLHVSPAYEGRVEQ
PPPPRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQARLRLRVLPPL
PSLNPGPALEEGQGLTLAASCTAEGSPAPSVTWDEVKGTTSSRSFKHSR
SAAVTSEFHLVPSRSMNGQPLTCVVSHPGLLQDQRITHILHVSFLAEASV
RGLEDQNLWHIGREGAMLKCLSEGQPPPSYNWTRLDGPLPSGVRVDGDTL
GFPPLTTEHSGIYVCHVSNEFSSRDSQVTVDVLDPQEDSGKQVDLVSASV
VVVGVIALLFCLLVVVVLMSTRYHRRKAQQMTQKYEEELTLTRENSIRR
LHSHHTDPRSQPEESVGLRAEGHPDSLKDSSCSVMSEEPEGRSYSTLTT
VREIETQTELLSPGSGRAEEEEEDQDEGIKQAMNHFVQENGTLRKPTGNG
IYINGRGHLV

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**

NECTIN4

Full Name

Nectin cell adhesion molecule 4

Introduction

This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.

Alternative Names

NECTIN4; LNIR; PRR4; EDSS1; PVRL4; nectin-4; nectin-4; Ig superfamily receptor LNIR; nectin 4; poliovirus receptor-related 4; poliovirus receptor-related protein 4; Nectin cell adhesion molecule 4

Gene ID

[81607](#)

UniProt ID

[Q96NY8](#)