

Product Information

MemDX™ Membrane Protein Human NAALADL1 (N-acetylated alpha-linked acidic dipeptidase like 1) for Antibody Discovery

Cat. No.: **MP1054J**

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

This product is a 80.4 kDa Human NAALADL1 membrane protein expressed in HEK293T. 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

NAALADL1

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

80.4 kDa

TMD

1

Sequence

MQWTKVLGLGLGAAALLGLGIILGHFAIPKKANSLAPQDLDLEILETVMGQLDAHRIRENLRELSREPHL
ASSPRDEDLVQLLLQRWKDPESGLDSAEASTYEVLLSFPSQEQPNVVDIVGPTGGIIHSCHRTEENVTEGE
QGGPDVVQPYAAYAPSGTPQGLLVYANRGAEEDFKELQTQGIKLEGTIALTRYGGVGRGAKAVNAAKHGV
AGVLVYTDPADINDGLSSPDETFPNSWYLPSPGVERGSYYEYFGDPLTPYLPVPSSFRVDLANVSGFPP
IPTQPIGFQDARDLLCNLNGTLAPATWQGALGCHYRLGPGFRPDGDFPADSQVNVSVYNRLELRNSSNVL
GIIRGAVEPDRLVLYGNHRDSWVHGAVDPSSGTAVLLELSRVLGTLLKKGTWRPRRSIVFASWGAEFGL
IGSTEFTEEFFNKLQERTVAYINVDISVFANATLRVQGTTPPVQSVVFSATKEIRSPGPGDLSIYDNWIRY
FNRSSPVYGLVPSLGLGAGSDYAPFVHFLGISSMDIAYTYDRSKTSARIYPTYHTAFDTFDYVDKFLDP
GFSSHQAVARTAGSVILRLSDSFFLPLKVSDYSETLRSFLQAAQQDLGALLEQHSISLGPLVTAVEKFEA
EAAALGQRISTLQKGSPDPLQVRMLNDQLMLLERTFLNPRAPFEERYSSHVLWAPRTGSSVTFPGLSNAC
SRARDTASGSEAWAEVQRQLSIVVTALEGAATLRPVADL

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

NAALADL1

Full Name

N-acetylated alpha-linked acidic dipeptidase like 1

Introduction

Aminopeptidase with broad substrate specificity. Has lower activity with substrates that have Asp or Glu in the P2' position, or Pro in the P3' position. Lacks activity with substrates that have both Pro in the P3' position and Asp or Glu in the P2' position. Lacks carboxypeptidase activity. Lacks dipeptidyl-peptidase IV type activity.

Alternative Names

I100; NAALADASEL

Gene ID

[10004](#)

UniProt ID

[Q9UQQ1](#)