

Datasheet for ABIN7554687

NAALADL1 Protein (AA 1-740) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NAALADL1
Protein Characteristics:	AA 1-740
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAALADL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NAALADL1 Protein expressed in mammalian cells.
Sequence:	<p>MQWTKVLGLG LGAAALLGLG IILGHFAIPK KANSLAPQDL DLEILETVMG QLDHRIREN LRELSREPHL ASSPRDEDLV QLLLQRWKDP ESGLDSEAS TYEVLLSFPS QEQPNVVDIV GPTGGIIHSC HRTEENVTEGE QGGPDVVQPY AAYAPSGTPQ GLLVYANRGA EEDFKELQTO GIKLEGTIAL TRYGGVGRGA KAVNAAKHGV AGVLVYTDPA DINDGLSSPD ETFPNSWYLP PSGVERGSYY EYFGDPLTPY LPAVPSSFRV DLANVSGFPP IPTQPIGFQD ARDLLCNLNG TLAPATWQGA LGCHYRLGPG FRPDGDFPAD SQVNVSVYNR LELRNSSNVL GIIRGAVEPD RYVLYGNHRD SWVHGAVDPS SGTAVLLELS RVLGTLLKKG TWRPRRSIVF ASWGAEFGL IGSTEFTEEF FNKLQERTVA YINVDISVFA NATLRVQGTP PVQSVVFSAT KEIRSPGPGD LSIYDNWIRY FNRSSPVYGL VPSLGS LGAG SDYAPFVHFL GISSMDIAYT YDRSKTSARI YPTYHTAFDT FDYVDKFLDP GFSSHQAVAR TAGSVILRLS DSFFLPLKVS DYSETLRSFL QAAQQDLGAL LEQHSISLGP LVTAVEKFEA EAAALGQRIS TLQKGS PDPL QVRMLNDQLM LLERTFLNPR AFPEERYYSH VLWAPRTGSV VTFPGLSNAC SRARDTASGS EAWAEVQRQL</p>

Product Details

SIVVTALEGA AATLRPVADL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: NAALADL1

Alternative Name: NAALADL1 ([NAALADL1 Products](#))

Background: Aminopeptidase NAALADL1 (EC 3.4.11.-) (100 kDa ileum brush border membrane protein) (I100) (Ileal dipeptidylpeptidase) (N-acetylated-alpha-linked acidic dipeptidase-like protein) (NAALADase L),FUNCTION: 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 (PubMed:25752612). Lacks carboxypeptidase activity. Lacks dipeptidyl-peptidase IV type activity (PubMed:25752612). {ECO:0000269|PubMed:25752612}.

Target Details

Molecular Weight: 80.6 kDa

UniProt: [Q9UQQ1](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months