

Datasheet for ABIN7560798

NAALAD2 Protein (AA 1-740) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NAALAD2
Protein Characteristics:	AA 1-740
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAALAD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Naalad2 Protein expressed in mammalian cells.
Sequence:	<p>MARPRHLRGL GMCITAVLAS FIAGFTVGWF IKPLKETTTTS AGYHQSIQKQK LLSEMKAENI</p> <p>RSFLRSFTKL PHLAGTEQNL LLAKKIQTQW KKFG LDSANL VHYDVLLSYN NETNANYVSI</p> <p>VDEHGVEIFK TSYLEPPPDG YENVNIIPP YNAFSASGMP EGELVYVNYA RTEDFFKLER</p> <p>EMNINCTGKI VIARYGKIFR GNKVKNAMLA GAMGIILYSD PADYFAPDVQ PYPKGWNLPG</p> <p>AAAQRGNVLN LNGAGDPLTP GYPAKEYTFR LPVEEAVGIP NIPVHPIGYN DAERLLRNLG</p> <p>GAAPPDKSWK GSLNVSYNIG PGFTGSEYSR NIRMHVNNIN KITRIYNVIG TIRGSTEPDR</p> <p>YVILGGHRDS WVFGGIDPTT GTAVLQEIAR SFGKLVNGGW RPRRTIIFAS WDAEEFGLLG</p> <p>STEWAEENAK LLQERSIAYI NSDSAIEGNY TLRVDCTPLL NQLVYKVARE ISSPDDGFES</p> <p>KSLYESWLEK DPSPENKECP RINKLGSGSD FEAYFQRLGI ASGRARYTKN KKTDKYSSYP</p> <p>VYHTIYETFE LVQNFYDPTF KKQLSVAQLR GALVYELADS VVIPFNIQDY AKALKNYAAS</p> <p>IFNISKKHDQ QLRNHAVSFD PLFSVKNFS EAASDFHRR L TQVDLNNPIA VRIMNDQQML</p> <p>LERAFIDPLG LPGRKFYRHI IFAPSSH NKY AGESFPGIYD AMFDIENKAD PSLAWAEVKK</p>

Product Details

HISIAAFTIQ AAAGTLTNVL **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: NAALAD2

Alternative Name: Naalad2 ([NAALAD2 Products](#))

Background: N-acetylated-alpha-linked acidic dipeptidase 2 (EC 3.4.17.21) (Glutamate carboxypeptidase III) (GCP III) (N-acetylaspartylglutamate peptidase II) (NAAG-peptidase II) (N-acetylated-alpha-linked acidic dipeptidase II) (NAALADase II), FUNCTION: Has N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Also exhibits a dipeptidyl-peptidase IV type activity. Inactivates the peptide neurotransmitter N-acetylaspartylglutamate. {ECO:0000269|PubMed:15086519}.

Molecular Weight: 82.8 kDa

Target Details

UniProt: [Q9CZR2](#)

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