

Datasheet for ABIN7554673

NAALAD2 Protein (AA 1-740) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NAALAD2
Protein Characteristics:	AA 1-740
Origin:	Human
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:	MAESRGRLYL WMCLAAALAS FLMGFMVGWF IKPLKETTTTS VRYHQSIRWK LVSEMKAENI KSFLRSFTKL PHLAGTEQNF LLAKKIQTW KKFGLDSAKL VHYDVLLSY NETNANYISI VDEHETEIFK TSYLEPPDG YENVNIVPP YNAFSAQGMP EGDLYVYNYA RTEDFFKLER EMGINCTGKI VIARYGKIFR GNKVKNAMLA GAIGIILYSD PADYFAPEVQ PYPKGWNLPG TAAQRGNVLN LNGAGDPLTP GYPAKEYTFR LDVEEGVGIP RIPvHPiGYN DAEILLRYLG GIAPPDKSWK GALNVSYSIG PGFTGSDSFR KVRMHVYNIN KITRIYNNVG TIRGSVEPDR YVILGGHRDS WVFGAIDPTS GVAVLQEIR SFGKLMSKGW RPRRTIIFAS WDAEEFGLLG STEWAEENVK ILQERSIAYI NSDSSIEGNY TLRVDCTPLL YQLVYKLTKE IPSPDDGFES KSLYESWLEK DPSPENKNLP RINKLGSGSD FEAYFQRLGI ASGRARYTKN KKTDKYSSYP VYHTIYETFE LVEKFYDPTF KKQLSVAQLR GALVYELVDS KIIPFNIQDY AEALKNYAAS IYNLSKKHDQ QLTDHGVSFD SLFSVKNFS EAASDFHKRL IQVDLNNPIA VRMMNDQLML LERAFIDPLG LPGKLFYRHI IFAPSSH NKY AGESFPGIYD AIFDIENKAN SRLAWKEVKK

Product Details

HISIAAFTIQ AAAGTLKEVL **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-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:10085079}.

Molecular Weight: 83.6 kDa

UniProt: [Q9Y3Q0](#)

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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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