

Product datasheet for TP317792M

NAALADL1 (NM_005468) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-acetylated alpha-linked acidic dipeptidase-like 1 (NAALADL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217792 representing NM_005468 Red=Cloning site Green=Tags(s)

MQWTKVLGLGLGAAALLGLGIILGHFAIPKKANSLAPQDLLEILETVMGQLDAHRIRENLRRELSREPHL
 ASSPRDEDLVQLLLQRWKDPESGLDSAEASTYEVLLSFPSQEQPNVVDIVGPTGGIIHSCHRTEENVNVTGE
 QGGPDVWPYAAAYAPSGTPQGLLVYANRGAEEDEFKELQTQGIKLEGTIALTRYGGVGRGAKAVNAAKHGV
 AGVLVYTDPADINDGLSSPDETFPNSWYLPSPGVERGSYYEYFGDPLTPYLPVPSSFRVDLANVSGFPP
 IPTQPIGFQDARDLLCNLNGTLAPATWQGALGCHYRLGPGFRPDGDFPADSQVNVSVYNRLELRNSSNV
 L
 GIIRGAVEPDRYVLYGNHRDSWVHGAVDPSSGTAVLLELSRVLGTLKKGTWRPRRSIVFASWGAEFGL
 IGSTEFTEEFFNKLQERTVAYINVDISVFANATLRVQGTPPVQSVVFSATKEIRSPGPGDLSIYDNWIRY
 FNRSSPVYGLVPSLGLGAGSDYAPFVHFLGISSMDIAYTYDRSKTSARIYPTYHTAFDTFDYVDKFLDP
 GFSSHQAVARTAGSVILRLSDSFFLPLKVS DYSETLRSFLQAAQQDLGALLEQHSISLGPLVTAVEKFEA
 EAAALGQRISTLQKGSPDPLQVRMLNDQLMLLERTFLNPRAPPEERYSHVLWAPRTGSVVTFPGLSNAC
 SRARDTASGSEAWAEVQRQLSIVVTALEGAAATLRPVADL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	80.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.


[View online »](#)

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005459](#)

Locus ID: 10004

UniProt ID: [Q9UQQ1](#)

RefSeq Size: 2703

Cytogenetics: 11q13.1

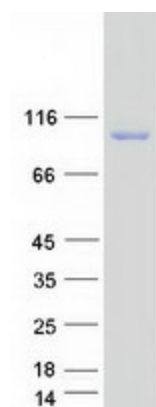
RefSeq ORF: 2220

Synonyms: I100; NAALADASEL

Summary: 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). [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified NAALADL1 protein (Cat# [TP317792]). The protein was produced from HEK293T cells transfected with NAALADL1 cDNA clone (Cat# [RC217792]) using MegaTran 2.0 (Cat# [TT210002]).