

Recombinant Human NAALADL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAALADL1-5502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAALADL1 MS Standard C13 and N15-labeled recombinant protein (NP_005459) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NAALADL1 (N-Acetylated Alpha-Linked Acidic Dipeptidase Like 1) is a Protein Coding gene. Diseases associated with NAALADL1 include Arthrogyrosis, Distal, Type 4. Gene Ontology (GO) annotations related to this gene include peptidase activity and carboxypeptidase activity. An important paralog of this gene is FOLH1.
Molecular Mass	80.4 kDa
AA Sequence	<p>MQWTKVLGLGLGAAALLGLGIILGHFAIPKKANSLAPQDLLEILETVMGQLDAHRIR ENLRELSREPHLASSPRDEDLVQLLLQRWKDPESGLDSAEASTYEVLLSFPSQEQP NVVDIVGPTGGIIHSCHRTEENVTEGEQGGPDVVQPYAAYAPSGTPQGLLVYANRGA EEDFKELQTQGIKLEGTIALTRYGGVGRGAKAVNAAKHGVAGVLVYTDPADINDGLS SPDETFPNSWYLPPSGVERGSYYEYFGDPLTPYLPVAVPSSFRVDLANVSGFPPIPTQ PIGFQDARDLLCNLNGTLAPATWQGALGCHYRLGPGFRPDGDFPADSQVNVSVYN RLELRNSSNVLGIIRGAVEPDRYVLYGNHRDSWVHGAVDPSSGTAVLLELSRVLGTL LKKGTWRPRRSIVFASWGAEFGLIGSTEFTEEFFNKLQERTVAYINVDISVFANATL RVQGTTPPVQSVVFSATKEIRSPGPGDLSIYDNWIRYFNRSSPVYGLVPSLGLSLGAGS</p>

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DYAPFVHFLGISSMDIAYTYDRSKTSARIYPTYHTAFDFTFDYVDKFLDPGFSSHQAVA
 RTAGSVILRLSDSFFLPLKVSDYSETLRSFLQAAQQDLGALLEQHSISLGPLVTAVEK
 FEAEAAALGQRISTLQKGGSPDPLQVRMLNDQLMLLERTFLNPRAFPEERYSSHVLW
 APRTGSSVTFPGLSNACSRARDTASGSEAWAEVQRQLSIVVTALEGAAATLRPVAD
 LTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [NAALADL1 N-acetylated alpha-linked acidic dipeptidase-like 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [NAALADL1](#)

Synonyms NAALADL1; N-acetylated alpha-linked acidic dipeptidase-like 1; N-acetylated-alpha-linked acidic dipeptidase-like protein; ileal peptidase I100; NAALADase L; ileal dipeptidylpeptidase; 100 kDa ileum brush border membrane protein; I100; NAALADASEL;

Gene ID [10004](#)

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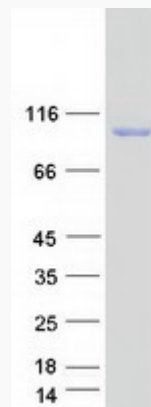
mRNA Refseq [NM_005468](#)

Protein Refseq [NP_005459](#)

MIM [602640](#)

UniProt ID [Q9UQQ1](#)

SDS-PAGE



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