

Recombinant Full Length Rat N-Acetylated-Alpha-Linked Acidic Dipeptidase-Like Protein(Naaladl1) Protein, His-Tagged

Cat. No. RFL4083RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat N-acetylated-alpha-linked acidic dipeptidase-like protein(Naaladl1) Protein (O54697) (1-745aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length (1-745)

Form Lyophilized powder

AA Sequence

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MHWAKILGVGIGAAALLGLGIILGHFAIPKATEPLASSVSDSQDLDLAILDSVMGQLDA
SRIRENLRELSKEPHVATSARDEALVQLLLGRWKDSASGLDTAKTYEYTVLLSFPST
EQPNSVEVVGPNGTVFHFSQPFEKNLTGEQAEPNVLQPYAAYAPPGTPKGPLVYAN
RGSEDDFKKLEAEGINLKGITIALTRYGSVGRGAKAINAARHG VVGVLVYTDPGDIND
GKSLPNETFPNSWGLPPSGVERGSYYEYFGDPLTPYLP AHPVSFRLDPHNISGF PPI
PTQPIGFEDAKNLLCNLNGTSAPDSWQ GALGCEYKLGPGFEPNGNFPAGSEVKVSV
YNRLELRNSSNVLGIIQGAVEPDRYVIYGNHRDSWVHGAVDPSSGTAVLLEISRVLG
TLLKKG TWRPRRSIIFASWGAE EFG LIGSTEFTEEFLSKLQERTVTYINVDISVFSNAT
LRAQGT PPVQSVIFSATKEISAPGSSGLSIYDNWIRY TNRSSPVYGLVPSMGT LGAG
SDYASFIHFLGITSMDLAYTYDRSKTSARIYPTYHTAFD TFDYVEKFLDPGFSSHQAV
ARTAGSVLLRLSDSLFLPLNVSDYSETLQSFLQAAQENLGALLESHNISLGPLVTAVE
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KFKAAAAALNQHILTLQKSSPDPLQVRMVNDQLMLLERAFNLNPRAFPEERYYSHVL
WAPNTASVATFPGLANAYARAQEINSGAEAWAEVERQLSIAVMALEGAAATLQPVT
DL

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Naaladl1

Synonyms Naaladl1; Naaladl; Aminopeptidase NAALADL1; 100 kDa ileum brush border membrane protein; I100; Ileal dipeptidylpeptidase; N-acetylated-alpha-linked acidic dipeptidase-like protein; NAALADase L

UniProt ID [O54697](https://www.uniprot.org/entry/O54697)

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