

Recombinant Mouse NAALADL1 Protein, His-tagged

Cat. No. NAALADL1-931M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant secreted form of mouse NAALADL1 (Q7M758) (Pro 29-Leu 745) was fused with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	29-745 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse NAALADL1 comprises 736 amino acids and predicts a molecular mass of 80 kDa. As a result of glycosylation, the apparent molecular mass of mouse NAALADL1 is approximately 110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Naaladl1 N-acetylated alpha-linked acidic dipeptidase-like 1 \[Mus musculus \]](#)

Official Symbol [NAALADL1](#)

Synonyms NAALADL1; N-acetylated alpha-linked acidic dipeptidase-like 1; N-acetylated-alpha-linked acidic dipeptidase-like protein; NAALADase L; N-acetylated-alpha-linked acidic dipeptidase like protein; Gm964; Naaladasel;

Gene ID [381204](#)

mRNA Refseq [NM_001009546](#)

Protein Refseq [NP_001009546](#)

MIM

UniProt ID

Function carboxypeptidase activity; catalytic activity; dipeptidase activity; hydrolase activity; metal ion binding; metallopeptidase activity; molecular_function; peptidase activity;

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