

## Recombinant Mouse NAALADL1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant secreted form of mouse NAALADL1 (Q7M758) (Pro 29-Leu 745) was fused with a polyhistidine tag at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-745 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>97 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	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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