

# Recombinant Human NAALADL2 Protein, His-SUMO-tagged

**Cat. No.** NAALADL2-1290H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b> | Recombinant Human NAALADL2 Protein (143-795aa) was expressed in E. coli with N-terminal His-SUMO tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 143-795 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 88.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>           GYYVHTNCPSDAPSSGTVDPQLYQEILKTIQAEDIKKSFRNLVQLYKNEDDMEISKKI<br/>           KTQWTSGLGEDVQFVNYSVLLDLPGPSSTVTLSSSGQC FHPNGQPCSEEARKDSS<br/>           QDLLYSYAAYSAGKTLKAEVIDVSYGMADDLKRIRKIKNVTNQIALCLKGLPLLYKLS<br/>           SLEKAGFGGVLLYIDPCDLPKTVNPSHDTFMVSLNPGGDPSTPGYPSVDESFRQSR<br/>           SNLTSLLVQPISAPLVAKLISSPKARTKNEACSSLELPNNEIRVVSMQVQTVTKLKTVT<br/>           NVVGFVMGLTSPDRYIIVGSHHHTAHSYNGQEWASSTAITAFIRALMSKVKGWRP<br/>           DRTIVFCSWGGTAFGNIGSYEWGEDFKKVLQKNVVAYISLHSPIRGNSSLYPVASPS<br/>           LQQLVVEKNNFNCTRRRAQCPETNISSIIQIQGDADYFINHLGVPIVQFAYEDIKTLEGPS<br/>           FLSEARFSTRATKIEEMDPSFNLHETITKLSGEVILQIANEPVLPFNALDIALEVQNNLK<br/>           GDQPNTHQLLAMALRLRESAELFQSDEMRPANDPKERAPIRIRMLNDILQDMEKSFL<br/>           VKQAPPGFYRNILYHLDEKTSRFSILIEAWEHCKPLASNETLQEALSEVLNSINSAQV<br/>           YFKAGLDVFKSVLDGKN         </p> |

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|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>  | Greater than 90% as determined by SDS-PAGE.                                                                                                                   |
| <b>Storage</b> | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |

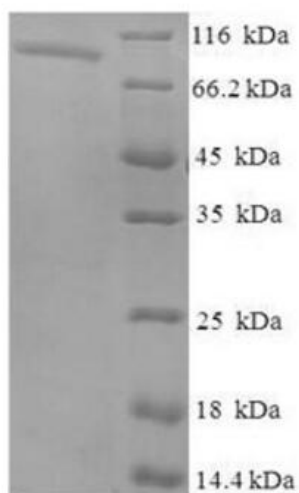
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NAALADL2 N-acetylated alpha-linked acidic dipeptidase-like 2 [ Homo sapiens ]                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | NAALADL2                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | NAALADL2; N-acetylated alpha-linked acidic dipeptidase-like 2; inactive N-acetylated-alpha-linked acidic dipeptidase-like protein 2; glutamate carboxypeptidase II type non peptidase homologue; NAALADase L2; N-acetylated alpha-linked acidic dipeptidase 2; glutamate carboxypeptidase II-type non-peptidase homologue |
| <b>Gene ID</b>         | 254827                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_207015                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_996898                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 608806                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q58DX5                                                                                                                                                                                                                                                                                                                    |

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