



# Recombinant Human NAALADL2 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07551

**Protein Name:** Naaladase L2 (NAALADL2)

**Aliases:** NAALADase L2

**UniProt ID:** Q58DX5

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q58DX5/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Extracellular Domain (143-795)

**Molecular Weight:** 88.6kDa

**Protein Tag:** N-terminal 6xHis-SUMO-tagged

## 2. Amino Acid Sequence (143-795)

GYVHTNCPSDAPSSGTVDPQLYQEILKTIQAEDIKKSFRNLVQLYKNEDDMEISKKI  
KTQWTSLGLEDVQFVNYSVLLDLPGPSSTVTLSSSGQCFHPNGQPCSEEARKDS  
SQDLLYSYAAYSAGKTLKAEVIDVSYGMADDLKRIRKIKNVTNQIALLLKGLPLLYKL  
SSLEKAGFGGVLLYIDPCDLPKTVNPSHDTFMVSLNPGGDPSTPGYPSVDESFRQS  
RSNLTSLLVQPIAPLVAKLISSPKARTKNEACSSLELPNNEIRVVSMQVQTVTKLKT  
VTNVVGFVMGLTSPDRYIIVGSHHHTAHSYNGQEWASSTAITAFIRALMSKVKRGW  
RPDRTIVFCSWGGTAFGNIGSYEWGEDFKKVLQKNVVAYISLHSPIRGNSSLYPVAS  
PSLQQVLVEKNNFNCTRRACQCPETNISSIIQIQGDADYFINHLGVPIVQFAYEDIKTLE  
GPSFLSEARFSTRATKIEEMDPSFNLHETITKLSGEVILQIANEPVLPFNALDIALEVQ  
NNLKGDQPNTHQLLAMALRLRESAELFQSDEMRPANDPKERAPIRIRMLNDILQDM  
EKSFLVKQAPPGFYRNILYHLDEKTSRFSILIEAWEHCKPLASNETLQEALSEVLNSI  
NSAQVYFKAGLDVFKSVLDGKN

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Human NAALADL2 extracellular domain protein (143-795) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. NAALADL2, also known as NAALADase L2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.