

Datasheet for ABIN2712332

NLN Protein (Myc-DYKDDDDK Tag)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	NLN
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NLN protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Neurolysin protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	NLN
Alternative Name:	Neurolysin (NLN Products)
Background:	This gene encodes a member of the metallopeptidase M3 protein family that cleaves neurotensin at the Pro10-Tyr11 bond, leading to the formation of neurotensin(1-10) and neurotensin(11-13). The encoded protein is likely involved in the termination of the neurotensinergic signal in the central nervous system and in the gastrointestinal tract.[provided by RefSeq, Jun 2010].

Target Details

Molecular Weight: 80.5 kDa

NCBI Accession: [NP_065777](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

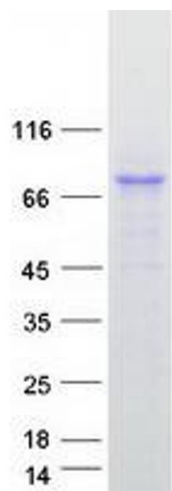
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Kim, Lone, Saghatelian: "Analysis of the proteolysis of bioactive peptides using a peptidomics approach." in: **Nature protocols**, Vol. 8, Issue 9, pp. 1730-42, (2013) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot