

Human NELL2 Protein (His Tag)

Catalog Number: 13132-H08B



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

NRP2; A330108N19Rik; mel91; R75516

Protein Construction:

A DNA sequence encoding the human NELL2 (Q99435) (Met 1-Leu 816) was fused with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 87 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Leu 22

Molecular Mass:

The secreted recombinant human NELL2 consists of 805 amino acids and predicts a molecular mass of 90.4 kDa. It migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

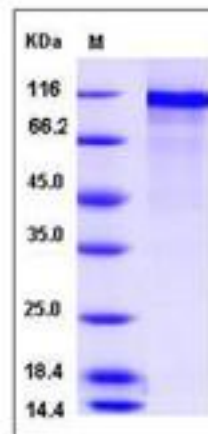
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Kuroda S, *et al.* (1999) Biochemical characterization and expression analysis of neural thrombospondin-1-like proteins NELL1 and NELL2. *Biochem Biophys Res Commun.* 265(1): 79-86.
- 2.Oyasu M, *et al.* (2000) Immunocytochemical localization of a neuron-specific thrombospondin-1-like protein, NELL2: light and electron microscopic studies in the rat brain. *Brain Res Mol Brain Res.* 76(1): 151-60.
- 3.Nelson BR, *et al.* (2002) Restricted neural epidermal growth factor-like like 2 (NELL2) expression during muscle and neuronal differentiation. *Mech Dev.* 119 Suppl 1: 11-9.

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