

Mouse Notch-1 / NOTCH1 Protein (His Tag)

Catalog Number: 50654-M08B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

9930111A19Rik; lin-12; Mis6; N1; Tan1

Protein Construction:

A DNA sequence encoding the mouse NOTCH1 (NP_032740.3) N-terminal fragment (Met 1-Gln 526) was expressed, with a C-terminal polyhistidine tag.

Source: Mouse

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 82 % as determined by SDS-PAGE

Bio Activity:

1. Measured by its binding ability in a functional ELISA. 2. Immobilized human DLL4 (cat: 10171-H02H) at 10 µg/mL (100 µl/well) can bind biotinylated mouse NOTCH1-his, The EC₅₀ of biotinylated mouse NOTCH1-his is 40 ng/mL. 3. Immobilized mouse DLL4-his (Cat:50640-M08H) at 10 µg/mL (100 µl/well) can bind biotinylated mouse NOTCH1-his, The EC₅₀ of biotinylated mouse NOTCH1-his is 30 ng/mL.

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: Ala 19

Molecular Mass:

The secreted recombinant mouse NOTCH1 (aa 1-526) consists of 518 amino acids and has a calculated molecular mass of 55 kDa. It migrates as an approximately 80 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:

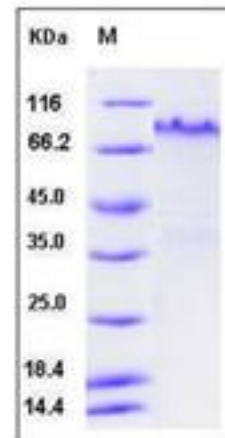
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217

• Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288

• Tel:+86-400-890-9989

• <http://www.sinobiological.com>