

Mouse Semaphorin 4D / SEMA4D / CD100 Protein (His Tag)

Catalog Number: 50642-M08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CD100; coll-4; Semacl2; Semaj; Semcl2

Protein Construction:

A DNA sequence encoding the mouse SEMA4D (NP_038688.2) extracellular domain (Met 1-Arg 733) was expressed, with a C-terminal polyhistidine tag.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 96 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to bind human SEMA4A in a functional ELISA.

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: Phe 24

Molecular Mass:

The secreted recombinant mouse SEMA4D comprises 721 amino acids and has a calculated molecular mass of 80.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 100-110 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4

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:

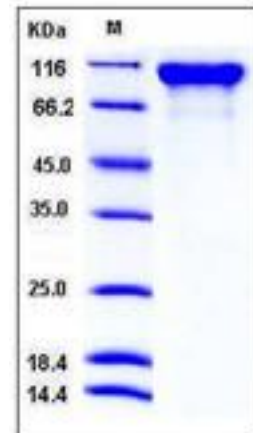
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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