Mouse Ephrin-B2 / EFNB2 Protein (His Tag)

Catalog Number: 50598-M08H

General Information

Gene Name Synonym:
ELF-2; Epl5; Epplg5; Htk-L; LERK-5; Lerk5; NLERK-1

Protein Construction:
A DNA sequence encoding the mouse EFNB2 (NP_034241.2) extracellular domain (Met 1-Ala 232) was fused with a polyhistidine tag at the C-terminus.

Source: Mouse
Expression Host: HEK293 Cells

QC Testing
Purity: > 95 % as determined by SDS-PAGE

Bio Activity:
Measured by its ability to compete with mouse EFNB2-Fc for binding to immobilized mouse EPHB4 in a functional ELISA assay.

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: Arg 29

Molecular Mass:
The secreted recombinant mouse EFNB2 comprises 215 amino acids and has a predicted molecular mass of 23.5 kDa. As a result of glycosylation, the apparent molecular mass of rmEFNB2 is approximately 30-40 kDa 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.

References