

Human Ephrin-B2 recombinant protein



Catalog Number: 503264

General Information

Gene Name Synonym

EPH-related receptor tyrosine kinase ligand 5;
HTK ligand

Protein Construction

A DNA sequence encoding the human EFNB2 (NP_004084.1) (Met1-Ala229) was expressed with six amino acids (ENLYFQ) at the C-terminus was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Ile 28

Molecular Mass

The recombinant human EFNB2 consists of 209 amino acids and predicts a molecular mass of 23.1 KDa. It migrates as an approximately 32-36 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

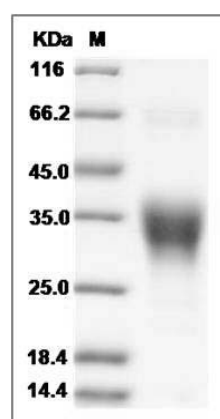
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human Ephrin-B2 / EFNB2 Protein SDS-PAGE