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EFNB1 Human, Sf9

Ephrin-B1 Human Recombinant, Sf9
RCP0720

Product Overview

Name	EFNB1 Human, Sf9

Description

Ephrin-B1 Human Recombinant, Sf9

Accession (Primary)	P98172

Synonyms

Ephrin B1, ELK Ligand, Ephrin-B1, Elk-L, EPLG2, LERK2, EFL3, Craniofrontonasal Syndrome (Craniofrontonasal Dysplasia), Eph-Related Receptor Tyrosine Kinase Ligand 2, EPH-Related Receptor Tyrosine Kinase Ligand 2, LERK-2, EFL-3, CFND, EFB1, CFNS, ELK ligand, ELK-L, EPH-related receptor tyrosine kinase ligand 2.

Introduction

EFNB1 is a member of the Eph family. The cell-surface proteins Ephrins split into two groups, ephrin-A and ephrin-B, based on their structure and function and perform as ligands for Eph receptors. The transmembrane EFNB1 proteins have conserved cytoplasmic tyrosine residues that are phosphorylated upon interaction with an EphB receptor. In addition, EFNB1 transduces outside-in signals by C-terminal protein interfaces which influence integrin-mediated cell attachment and migration.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

EFNB1 protein solution (1mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

ADP LAKNLEP VSWSSLNPKF LSGKGLVIYP KIGDKLDIIC PRAEAGRPYE YYKLYLVRPE QAAACSTVLD PNVLVTCNRP EQEIRFTIKF QEFSPNYMGL EFKKHHDYYI TSTSNGSLEG LENREGGVCR TRTMKIIMKV

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GQDPNAVTPE QLTTSRPSKE ADNTVKMATQ APGSRGSLGD SDGKHETVNQ EEKSGPGASG GSSGDPDGFF NSK LEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.

Precautions

EFNB1 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P98172)