9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

EFNB1 Human

Ephrin-B1 Human Recombinant
RCP0719

Product Overview

Name	EFNB1 Human
Description	
Ephrin-B1 Human Recombinant	
Accession (Primary)	P98172
Synonyms	
ephrin-B1, LERK2, EPLG2, Elk-L, EPH-related receptor tyrosine kinase ligand 2, EFL-3, ELK ligand, CFND, CFNS, Craniofrontonasal Syndrome (craniofrontonasal dysplasia), MGC8782.	
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	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The EFNB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol.	
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 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M LAKNLEPVS WSSLNPKFLS GKGLVIYPKI GDKLDIICPR AEAGRPYEYY KLYLVRPEQA AACSTVLDPN VLVTCNRPEQ EIRFTIKFQE FSPNYMGLEF KKHHDYYITS TSNGSLEGLE NREGGVCRTR TMKIIMKVGQ DPNAVTPEQL TTSRPSKEAD NTVKMATQAP GSRGSLGDSD GKHETVNQEE	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KSGPGASGGS SGDPDGFFNS K

Precautions

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

Target Information: (P98172)