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

EFNB3 Human

Ephrin- B3 Human Recombinant
RCP0723

Product Overview

Name	EFNB3 Human
Description	
Ephrin- B3 Human Recombinant	
Accession (Primary)	Q15768
Synonyms	
Ephrin-B3, EPH-related receptor transmembrane ligand ELK-L3, EPH-related receptor tyrosine kinase ligand 8, LERK-8, EFNB3, EPLG8, LERK8, EFL6.	
Introduction	
Ephrin-B3 (EFNB3) which belongs to the ephrin gene family is essential in brain development as well as in its maintenance. EFNB3 binds to, and induces the collapse of, commissural axons/growth cones in vitro. EFNB3 loosely binds Eph receptors located on bordering cells, leading to contact-dependent bidirectional signaling into neighboring cells. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and are implicated in mediating developmental events, mostly in the nervous system.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
EFNB3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2M urea.	
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	
MGSSHHHHHH SSGLVPRGSH MGSHM LSLEP VYWNSANKRF QAEGGYVLYP QIGDRLDLLC PRARPPGPHS SPNYEFYKLY LVGGAQGRRC EAPPAPNLLL TCDRPDLDLR FTIKFQEYSP NLWGHEFRSH HDYYIIATSD GTREGLESLQ GGVCLTRGMK VLLRVGQSPR GGAVPRKPVS EMPMERDRGA AHSLEPGKEN LPGDPTSNAT	

SRGAEGPLPP PSMP.

Precautions

EFNB3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15768)