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32-13207: EFNB3 Human, Sf9

Alternative Name :	Ephrin B3, EPH-Related Receptor Transmembrane Ligand ELK-L3, Ephrin-B3, EPLG8, LERK8, Eph-Related Receptor Tyrosine Kinase Ligand 8, EPH-Related Receptor Tyrosine Kinase Ligand 8, LERK-8, EFL6, Ephrin-B3, EPH-related receptor transmembrane ligand ELK-L3, EPH-related receptor tyrosine kinase ligand 8, LERK-8.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
EFNB3 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 208 amino acids (28-226a.a.) and having a molecular mass of 23.0kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). EFNB3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	EFNB3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPLSLEPVY WNSANKRFQA EGGYVLYPQI GDRLDLLCPR ARPPGPHSSP NYEFYKLYLV GGAQGRRCEA PPAPNLLLTC DRPDLDLRFT IKFQEYSPNL WGHEFRSHHD YYIIATSDGT REGLESLQGG VCLTRGMKVL LRVGQSPRGG AVPRKPVSEM PMERDRGAAH SLEPGKENLP GDPTSNATSR GAEGPLPPPS MPHHHHHH.

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