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32-13206: EFNB2 Mouse

Alternative Name : Ephrin-B2, ELF-2, EPH-related receptor tyrosine kinase ligand 5, LERK-5, HTK ligand, HTK-L, Elf2, Eplg5, Htkl, Lerk5, Efnb2, ELF-2, Epl5, Eplg5, Htk-L, Lerk5, NLERK-1, EFNB2.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
Ephrin-B2 belongs to the ephrin (EPH) family. The ephrins and EPH-related receptors contain the largest subfamily of receptor protein-tyrosine kinases and have been associated with mediating developmental events, particularly in the nervous system and in erythropoiesis. Based upon their structures and sequence relationships, ephrins are allocated into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. Ephrin-B2 binds to the EPHB4 and EPHA3 receptors.
EFNB2 Mouse Recombinant produced in Sf9 Baculovirus cells is a single polypeptide chain containing 212 amino acids (29-232) and having a molecular mass of 23.4kDa.(Molecular size on SDS-PAGE will appear at approximately 28-40KDa).EFNB2 is fused to 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The EFNB2 solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4) 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 :	RSIVLEPIYW NSSNSKFLPG QGLVLYPQIG DKLDIICPKV DSKTVGQYEY YKVYMVDKDQ ADRCTIKKEN TPLLNCARPD QDVKFTIKFQ EFSPNLWGLE FQKNKDYYII STSNGSLEGL DNQEGGVCQT RAMKILMKVG QDASSAGSAR NHGPTRRPEL EAGTNGRSST TSPFVKPNPG SSTDGNSAGH SGNNLLGSEV ALFALEHHHH HH.

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