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EFNB3 Human, Sf9

Ephrin- B3 Human Recombinant, Sf9
RCP0724

Product Overview

Name	EFNB3 Human, Sf9

Description

Ephrin- B3 Human Recombinant, Sf9

Accession (Primary)	Q15768

Synonyms

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.

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

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

EFNB3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% 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

ADP LSLEPVY WNSANKRFQA EGGYVLYPQI GDRLDLLCPR ARPPGPHSSP NYEFYKLYLV GGAQGRRCEA PPAPNLLLTC DRPDLDLRFT IKFQEYSPNL WGHEFRSHHD YYIIATSDGT REGLESLQGG VCLTRGMKVL

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LRVGQSPRGG AVPRKPVSEM PMERDRGAAH SLEPGKENLP GDPTSNATSR GAEGPLPPPS MP HHHHHH.

Precautions

EFNB3 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15768)