
Product Data Sheet

Product Name: EFNB2 Mouse
 Cat. No.: GP23373
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	RSIVLEPIYW NSSNSKFLPG QGLVLYPQIG DKLDIICPKV DSKTVGQY EY YKVYMVVDKDQ ADRCTIKKEN TPLLNCARPD QDVKFTIKFQ EFSPNLWGLE FQKNKDYII STSNGSLEGL DNQEGGVCQT RAMKILMKVG QDASSAGSAR NHGPTRRPEL EAGTNGRSST TSPFVKPNPG SSTDGNSAGH SGNNLLGSEV ALFALEHHHH HH.		
Formulation	The EFNB2 solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.		

Introduction

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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA