
Product Data Sheet

Product Name: EFNA3 Human
 Cat. No.: GP23367
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ephrin-A3; EFL2; Ehk1-L; EPLG3; LERK3; EPH-related receptor tyrosine kinase ligand 3.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMQGPGG ALGNRHAVYW NSSNQHLRRE GYTVQVNVND YLDIYCPHYNSSGVGPGAGP GPGGGAEQYV LYMVSRRNGYR TCNASQGFKR WECNRPHAPH SPIKFSEKFQ RYSAFSLGYEFHAGHEYYYI STPTHNLHWK CLRMKVFVCC ASTSHSGEKPVPTLPQFTMG PNVKINVLED FEGENPQVPK LEKSISG		
Formulation	EFNA3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

EFNA3 belongs to the ephrin (EPH) family. The ephrins and EPH-related receptors include the largest subfamily of receptor protein-tyrosine kinases which have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Ephrins are divided into the ephrin-A (EFNA) class and the ephrin-B (EFNB) class, based on their structures and sequence relationships. The Ephrins from the EFNA class are anchored to the membrane by a glycosylphosphatidylinositol linkage, while the others from the EFNB class are transmembrane proteins.

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

EFNA3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 217 amino acids (23-214 a.a) and having a molecular mass of 24kDa. EFNA3 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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