
Product Data Sheet

Product Name: EFNA1 Human, Sf9
 Cat. No.: GP23366
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms Ephrin A1; Immediate Early Response Protein B61; TNF Alpha-Induced Protein 4; Ephrin-A1; TNFAIP4; LERK-1; EPLG1; LERK1; Tumor Necrosis Factor; Alpha-Induced Protein 4; Eph-Related Receptor Tyrosine Kinase Ligand 1; EPH-Related Receptor Tyrosine Kinase Ligand 1; Tumor Necrosis Factor Alpha-Induced Protein 4; Ligand Of Eph-Related Kinase 1; ECKLG; EFL1; B61; EPH-related receptor tyrosine kinase ligand 1; LERK-1.

Amino Acid Sequence
 ADPDRHTVFW NSSNPKFRNE DYTIHVQLND YVDIICPHYE DHSVADAAME
 QYILYLVEHE EYQLCQPQSK DQVRWQCNRP SAKHGPEKLS EKQRFTPT
 LGKEFKEGHS YYYISKPIHQ HEDRCLRLKV TVSGKITHSP QAHVNPQEKR
 LAADDPEVRV LHSIGHSLEP KSCDKTHTCPPCPAPPELLGG PSVFLFPPKP
 KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN
 STYRVVSVLT VLNQDNLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ
 VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV
 LDSDGSFFLYSKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK
 HHHHHH

Formulation EFNA1 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

Introduction

EFNA1 belongs to the ephrin (EPH) family. The EPH subfamily is the biggest group of receptor protein kinases and they take part in vital nervous system function and development.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

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

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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

EFNA1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 406 amino acids (19-182a.a.) and having a molecular mass of 46.6kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). EFNA1 is expressed with a 242 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

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