Recombinant Human Ephrin-A4

Cat. No. EFNA4-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ephrin A4 protein expressed in*E.coli*encodes full length amino acids and has a molecular mass of 46 kDa.
Species	Human
Source	E.coli
Description	Ephrins are the ligands which bind to the Eph receptor subfamily, the largest group of the receptor tyrosine kinase family. Both ephrins and Eph receptors are broadly expressed through the ectoderm,mesoderm, and endoderm of vertebrate embryos. Two classes of ephrins exist: Class A ephrins are tethered to the membrane by a GPI linkage and bind primarily to EphA receptors; Class B ephrins contain a membrane-spanning region and bind predominantly to EphB receptors.
Formulation	Recombinant Human Ephrin A4 protein at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Application And Suggested Dilutions	•ELISA •Inhibition Assays •Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 46 kDa.
Storage & Stability	Store vial at -20°Cto -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

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Full Length	Full L.

GENE INFORMATION

Gene Name	EFNA4 ephrin-A4 [Homo sapiens]
Synonyms	EFNA4; ephrin-A4; EFL4; EPLG4; LERK4; MGC125826; ligand of eph-related kinase 4; eph-related receptor tyrosine kinase ligand 4; LERK-4; OTTHUMP00000033237; OTTHUMP00000033238; ephrin A4
Gene ID	1945
mRNA Refseq	NM_005227
Protein Refseq	NP_005218
MIM	601380
UniProt ID	P52798
Chromosome Location	1q21-q22
Pathway	Axon guidance
Function	transmembrane-ephrin receptor activity

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