

Recombinant Human Ephrin-A1

Cat. No. EFNA1-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ephrin A1 protein expressed in <i>E.coli</i> encodes full length amino acids and has a molecular mass of 47 kDa.
Species	Human
Source	E.coli
Description	Ephrins are a family of molecules which bind to tyrosine kinase receptor Eph. The Eph receptor and their membrane-attached ligands, ephrins, show diverse expression patterns during development. The crucial roles of Eph and ephrins during development suggest involvement of these genes in congenital disorders affecting the nervous system and other tissues. Eph receptors and ephrins may be involved in carcinogenesis.
Formulation	5 μ g/50 μ l Recombinant Human Ephrin A1 protein at 100 μ g/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 comassie blue stained gel, the purified recombinant protein shows a band at 47 kDa (Including GST).
Storage & stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length
Full L.

GENE INFORMATION

Gene Name
[EFNA1 ephrin-A1 \[Homo sapiens \]](#)
Synonyms

EFNA1; B61; ECKLG; EFL1; EPLG1; LERK-1; TNFAIP4; Ephrin-A1;
OTTHUMP00000033242; OTTHUMP00000033271; EPH-related receptor tyrosine
kinase ligand 1; Immediate early response protein B61; Tumor necrosis factor, alpha-
induced protein 4; Ligand of eph-related kinase 1

Gene ID
[1942](#)
mRNA Refseq
[NM_004428](#)
Protein Refseq
[NP_004419](#)
MIM
[191164](#)
UniProt ID
[P20827](#)
**Chromosome
Location**

1q21-q22

Pathway

Axon guidance

Function

Ephrin receptor binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA