

# Recombinant Human Ephrin-A1

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Ephrin A1 protein expressed in <i>E.coli</i> encodes full length amino acids and has a molecular mass of 47 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Formulation</b>	5g/50μl Recombinant Human Ephrin A1 protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
<b>Application and suggested dilutions</b>	•ELISA •Inhibition Assays •Western Blotting
<b>Characterization</b>	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 47 kDa (Including GST).
<b>Storage &amp; stability</b>	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](mailto: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

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