

## Active Recombinant Human EFNA3 protein, His-tagged

Cat. No. EFNA3-155H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EFNA3 (Met 1-Ser 213) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Ser 213
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its ability to compete with human EphrinA3 / Fc for binding to immobilized mouse EphA6-his in a functional ELISA assay.
<b>Molecular Mass</b>	The recombinant human EphrinA3 consists of 202 amino acids after removal of the signal peptide and has a predicted molecular mass of 23 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhEphrinA3 is approximately 35-40 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	EFNA3 ephrin-A3 [ Homo sapiens ]
<b>Official Symbol</b>	EFNA3
<b>Synonyms</b>	EFNA3; ephrin-A3; EPLG3; Ehk1 L; LERK3; EFL-2; LERK-3; EHK1 ligand; ligand of eph-related kinase 3; eph-related receptor tyrosine kinase ligand 3; EFL2; Ehk1-L;
<b>Gene ID</b>	1944
<b>mRNA Refseq</b>	NM_004952
<b>Protein Refseq</b>	NP_004943
<b>MIM</b>	601381
<b>UniProt ID</b>	P52797

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