

Recombinant Human Ephrin-A1, Fc Chimera

Cat. No. EFNA1-2060H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ephrin A1 (C-terminus fused with human IgG1 Fc) produced in <i>mammalian cells</i> contains 416 amino acids with predicted MW 47.53 KD x 2 (dimer), and 10 cysteines (Fc has 6). It also has 1 N-link glycosylation site with MW increase up to 5 KD.
Species	Human
Source	Mammalian Cells
Description	Human Ephrin A1 binds to the receptor tyrosine kinase EphA2, EphA4, EphA5, EphA6 and EphA7. Also binds with low affinity to EphA1. 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.
Source/Host	mammalian cells.
Purity	>90%.
Availability	back order, one month for production.
Recommended Storage Temperature	-70°C.

 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

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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