

## Active Recombinant Human EFNA5 protein, hFc-tagged

**Cat. No.** EFNA5-79H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human EFNA5 protein(Gln21-Asn203)(NM_001962.1) precursor was expressed in Mammalian cells with the C-terminal fused Fc region of human IgG1.                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | Mammalian cells                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 21-203 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                      |
| <b>Bio-activity</b>     | Immobilized Recombinant Human EFNA5 (C-Fc) at 2 µg/ml (100 µl/well) can bind Recombinant Human EphA8 (C-6His). The ED50 of Recombinant Human EphA8 (C-6His) is 18.64 ng/ml.                                                      |
| <b>Molecular Mass</b>   | 48.3 KDa                                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | < 1 EU/g as determined by LAL test.                                                                                                                                                                                              |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                 |
| <b>Storage</b>          | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |

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**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**GENE INFORMATION****Gene Name** EFNA5 ephrin-A5 [ Homo sapiens ]**Official Symbol** EFNA5**Synonyms** EFNA5; ephrin-A5; EPLG7; AF1; LERK7; AL-1; LERK-7; eph-related receptor tyrosine kinase ligand 7; EFL5; RAGS; GLC1M;**Gene ID** 1946**mRNA Refseq** NM\_001962**Protein Refseq** NP\_001953**MIM** 601535**UniProt ID** P52803 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