

## Active Recombinant Rhesus EFNA5 protein(Met1-Asn203), hFc-tagged

**Cat. No.** EFNA5-1285R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus EFNA5 (NP_001252657.1) (Met 1-Asn 203) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.                                                              |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Met1-Asn203                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                            |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Rhesus EFNA5-Fc at 10 µg/mL (100 µl/well) can bind biotinylated Rhesus EPHA4. The EC50 of biotinylated Rhesus EPHA4 is 9.3-21.6 ng/mL. |
| <b>Molecular Mass</b>   | The recombinant Rhesus EFNA5 consists of 424 amino acids and has a calculated molecular mass of 48.2 kDa.                                                                                                 |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                            |
| <b>Purity</b>           | > 92 % 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.                                                                                                                        |

 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

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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**

**Official Symbol** EFNA5

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