

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

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

SPECIFICATION

Product Overview	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.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Asn203
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	The recombinant Rhesus EFNA5 consists of 424 amino acids and has a calculated molecular mass of 48.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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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