

# Recombinant Cynomolgus FCGR2A protein(Met1-Ile211), His-tagged

**Cat. No.** FCGR2A-4107C    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus CD32a (AAL92096.1) (Met 1-Ile 211) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-211 a.a.
<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>	Using the Octet RED System, the affinity constant (Kd) of cynomolgus CD32A-His bound to human IgG was 5.8 $\mu$ M.
<b>Molecular Mass</b>	The recombinant cynomolgus CD32a consists of 193 amino acids and has a calculated molecular mass of 21.8 kDa. The apparent molecular mass of the recombinant protein is approximately 28-33 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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**Storage**

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 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.

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