

Fc gamma RIIIA/CD16a Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P7806
Synonyms:	rCynFc-gamma receptor 3A/CD16a, His; Low Affinity Immunoglobulin Gamma Fc Region Receptor III-A; CD16a Antigen; Fc-Gamma RIII-Alpha; Fc-Gamma RIII; Fc-gamma RIIIA; FcRIII; FcRIIIa; FcR-10; IgG Fc Receptor III-2; CD16a; FCGR3A; CD16A; FCG3; FCGR3; IGF3
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A140HDP8 (E21-G206)
Gene ID:	102140945
Molecular Weight:	30-40 kDa

PROPERTIES

AA Sequence	<pre> E D L P K A V V F L E P Q W Y R V L E K D S V T L K C Q G A Y S P E D N S T R W F H N E S L I S S Q T S S Y F I A A A R V N N S G E Y R C Q T S L S T L S D P V Q L E V H I G W L L L Q A P R W V F K E E E S I H L R C H S W K N T L L H K V T Y L Q N G K G R K Y F H Q N S D F Y I P K A T L K D S G S Y F C R G L I G S K N V S S E T V N I T I T Q D L A V S S I S S F F P P G </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>FCGR3A is a member of the immunoglobulin superfamily (IgSF) and is expressed on the surface of granulocytes (PMN) and monocytes (PI). FCGR3A is a type I transmembrane protein with three extracellular Ig-like domains. FCGR3A is a receptor for IgG1 and IgG3 antibodies. FCGR3A is a receptor for the HIV-1 envelope glycoprotein (gp120) and is involved in HIV-1 infection. FCGR3A is a receptor for the HIV-1 envelope glycoprotein (gp120) and is involved in HIV-1 infection. FCGR3A is a receptor for the HIV-1 envelope glycoprotein (gp120) and is involved in HIV-1 infection.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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