

Fc gamma RIIIA/CD16a Protein, Rat (HEK293, C-His)

Cat. No.:	HY-P75621A
Synonyms:	Low affinity immunoglobulin gamma Fc region receptor III-A; FcRIIIa; FcR-10; CD16a; FCGR3A; IGFR3
Species:	Rat
Source:	HEK293
Accession:	XP_008767961.1 (L22-P200)
Gene ID:	304966
Molecular Weight:	Approximately 27-32 kDa due to the glycosylation

PROPERTIES

AA Sequence	<pre> L Q K A V V I L D P E W V R V L E E D C V I L R C Q G T F S P E D N S T K W F H N K S L I S H Q D A N Y V I Q S A R V K D S G M Y R C Q T A F S A L S D P V Q L D V H A D W L L L Q T T K R L F Q E G D P I R L R C H S W R N T P V F K V T Y L Q N G K G K K Y F H R N S E L S I S K A T H A D S G S Y F C R G I I G R N N I S S A S L Q I S I G D P T S P S S F L P </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rat CD16a protein at 10 µg/mL (100 µL/well) can bind Human IgG1. The ED ₅₀ for this effect is 93.49 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA