

Active Recombinant Cynomolgus FCGR2A protein, His-Avi-tagged, Biotinylated

Cat. No. FCGR2A-1473C Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus FCGR2A protein(Gln28-Pro208), fused with His and Avi tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	28-208 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Loaded Biotinylated Cynomolgus CD32a, His,Avitag on SA Biosensor, can bind MabThera (Rituximab) with an affinity constant of 2 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 23.9 kDa. The protein migrates as 30-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln28-Pro208
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation

Biotin

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