Active Recombinant Human Gi24 protein, Fc-Avi-tagged, Biotinylated

Cat. No. Gi24-349H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Gi24 protein(Phe 33 - Ala 194), fused with Fc-Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 33 - Ala 194
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Biotinylated Human B7-H5, Fc,Avitag on SA Biosensor, can bind Human VSIG3, Fc Tag with an affinity constant of 0.617 μM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 47.1 kDa. The protein migrates as 55-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage 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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