

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

Cat. No. Gi24-348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Gi24 protein(Phe 33 - Ala 194), fused with His-Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 33 - Ala 194
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Biotinylated Human B7-H5, Avitag,His Tag on SA Biosensor, can bind Human VSIG3, Fc Tag with an affinity constant of 0.312 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries an Avi tag (Avitag™) at the C-terminus, followed by a polyhistidine tag.The protein has a calculated MW of 20.8 kDa. The protein migrates as 36-47 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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