

Active Recombinant Cynomolgus GPC3 protein, Fc-tagged

Cat. No. GPC3-1517C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GPC3 protein(Gln25-His559), fused with Fc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	25-559 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Immobilized Human FGF basic, premium grade at 2 µg/mL (100 µL/well) can bind Cynomolgus Glypican 3, Fc Tag with a linear range of 1-31 ng/mL. Immobilized Cynomolgus Glypican 3, Fc Tag at 0.5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human GPC3 Antibody, Human IgG1 with a linear range of 0.2-3 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. This protein contains a furin-like convertase cleavage site, 355-RQYR-358, and will be partially processed into N and C-terminal fragment with calculated MW of 38.1 kDa and 49.4 kDa respectively. The protein migrates as 40 kDa, 60 kDa and 100-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln25-His559

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
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.

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