

Active Recombinant Cynomolgus GPC3 protein, IFc-tagged

Cat. No. GPC3-1515C Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Cynomolgus GPC3 protein(Gln25-His559), fused with IFc 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 1 µg/mL (100 µL/well) can bind Cynomolgus Glypican 3 Protein, Llama IgG2b Fc Tag with a linear range of 1-63 ng/mL. Please note that there may be a cross-reaction between anti-human IgG Fc antibodies and llama IgG Fc tag, also between anti-llama IgG Fc antibodies and human IgG Fc tag. |
| Molecular Mass | This protein carries a llama IgG2b 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 50.5 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 0.01 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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