

Active Recombinant Cynomolgus GPRC5D protein, His&Flag-tagged

Cat. No. GPRC5D-507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GPRC5D protein(A0A2K5W6I7-1)(Tyr 2 - Phe 192 & Glu 197 - Leu 262), fused with C-terminal His tag and N-terminal Flag tag, was expressed from HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Tyr 2 - Phe 192 & Glu 197 - Leu 262
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Bio-activity	Anti-GPRC5D antibody immobilized on CM5 Chip can bind Cynomolgus GPRC5D, Flag,His Tag (Cat. No. GPD-C52D3) with an affinity constant of 0.346 µM as determined in a SPR assay (Biacore 8K).
Molecular Mass	The protein has a calculated MW of 51.9 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles.

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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.

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