

Active Recombinant Mouse GPRC5D Full Length Transmembrane protein, Flag-tagged(VLPs)

Cat. No. GPRC5D-402M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GPRC5D Full Length Transmembrane protein (Q9JIL6-2) (Met1-Cys300), fused with Flag tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys300
Form	Supplied as sterile 50mM Hepes, 150mM NaCl, 10% Trehalose, pH 7.2.
Bio-activity	Recombinant Mouse GPRC5D-VLP (Full Length) Protein (Flag Tag) at 5 µg/mL (100 µL/well) can bind Anti-Human GPRC5D Antibody, Human IgG1, the EC50 is 2.84 ng/mL.
Molecular Mass	The recombinant Mouse GPRC5D consists of 313 amino acids and has a predicted molecular mass of 35.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Storage	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name [Gprc5d G protein-coupled receptor, family C, group 5, member D \[Mus musculus \]](#)

Official Symbol [GPRC5D](#)

Synonyms GPRC5D; G protein-coupled receptor, family C, group 5, member D; G-protein coupled receptor family C group 5 member D;

Gene ID [93746](#)

mRNA Refseq [NM_001205396](#)

Protein Refseq [NP_001192325](#)

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