

MOUSE GPRC5D PROTEIN, HFC TAG

Cat.#: 11361

Product Name: Mouse GPRC5D Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: GPRC5D

Target: GPRC5D

UNIPROT ID: Q9JIL6

Description: Recombinant mouse GPRC5D protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a member of the G protein-coupled receptor family, however, the specific function of this gene has not yet been determined.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 28.7 kDa after removal of the signal peptide. The apparent molecular mass of mGPRC5D-hFc is approximately 35–55 kDa due to glycosylation.

Molecular Characterization: mGPRC5D(Met1-Pro21) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

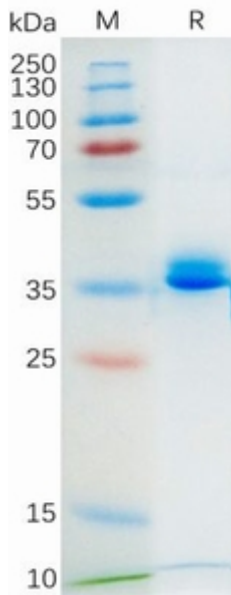


Figure 1. Mouse GPRC5D Protein, hFc Tag on SDS-PAGE under reducing condition.