

Datasheet for ABIN6961124
GPRC5D Protein (Fc-His Tag)

3 Images

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Overview

Quantity:	100 µg
Target:	GPRC5D
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPRC5D protein is labelled with Fc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human GPRC5D protein with C-terminal human Fc and 6xHis tag
Specificity:	GPRC5D (Met1-Glu27) hFc (Glu99-Ala330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	GPRC5D
Alternative Name:	GPRC5D (GPRC5D Products)
Background:	Synonyms: GPRC5D

Target Details

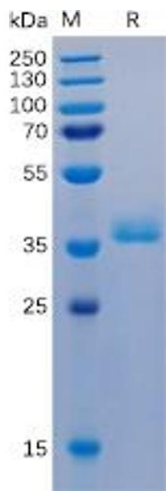
	Description: The protein encoded by this gene is a member of the G protein-coupled receptor family
Molecular Weight:	predicted molecular mass of 31.5 kDa after removal of the signal peptide.
Gene ID:	55507
UniProt:	Q9NZD1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

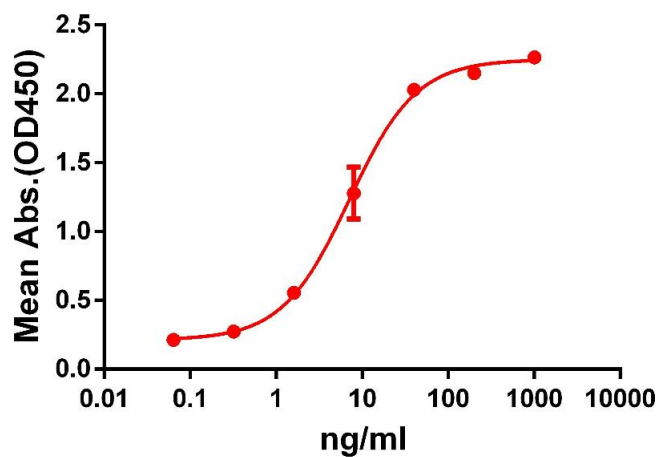
Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C, -80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

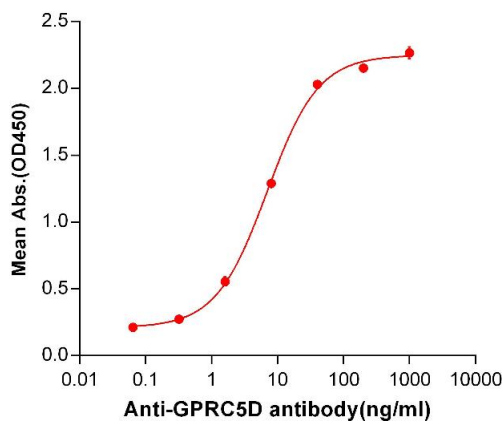
Image 1. Human GPRC5D Protein, hFc-His Tag on SDS-PAGE under reducing condition.



ELISA

Image 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human GPRC5D protein, hFc-His tagged protein (ABIN6961124) can bind Rabbit anti-GPRC5D monoclonal antibody (ABIN6964057) in a linear range of 1-100 ng/ml.

Human GPRC5D, hFc-His Tagged protein ELISA
0.2 µg of GPRC5D, hFc-His Tagged protein per well



ELISA

Image 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GPRC5D protein, hFc-His tagged protein (ABIN6961124) can bind Anti-GPRC5D Antibody in a linear range of 0.32-40.0 ng/mL.