

## Recombinant Human GPRC5D, His-tagged

Cat. No. GPRC5D-13499H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GPRC5D protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** C-term-90a.a.

**Description** Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

**Gene Name** GPRC5D G protein-coupled receptor, family C, group 5, member D [ Homo sapiens ]

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<b>Official Symbol</b>	GPRC5D
<b>Synonyms</b>	GPRC5D; G protein-coupled receptor, family C, group 5, member D; G-protein coupled receptor family C group 5 member D; orphan G-protein coupled receptor; MGC129713; MGC129714;
<b>Gene ID</b>	<a href="#">55507</a>
<b>mRNA Refseq</b>	<a href="#">NM_018654</a>
<b>Protein Refseq</b>	<a href="#">NP_061124</a>
<b>MIM</b>	<a href="#">607437</a>
<b>UniProt ID</b>	<a href="#">Q9NZD1</a>
<b>Chromosome Location</b>	12p13.3
<b>Pathway</b>	GPCRs, Class C Metabotropic glutamate, pheromone, organism-specific biosystem;
<b>Function</b>	G-protein coupled receptor activity; receptor activity; signal transducer activity;

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