

# Recombinant Full Length Human GPRC5D Protein

**Cat. No.** GPRC5D-5550HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GPRC5D full-length ORF (NP_061124.1) recombinant protein without tag.                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 330 amino acids                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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.<br>[provided by RefSeq]                                                                                                                                                                                   |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 38.8 kDa                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MYKDCIESTGDYFLLCDAEGPWGIIIESLAILGIVVTILLLLAFLFLMRKIQDCSQWNVL<br>PTQLLFLLSVLGLFGLAFAFIIELNQQTAPVRYFLFGVLFALCFSCLLAHASNLVKLVR<br>GCVSFSWTTILCIAIGCSLLQIIATEYVTILIMTRGMMFVNMTPCQLNVDFVLLVYVLF<br>LMALTFFVSKATFCGPCENWKQHGRILFITVLFSIIWVWISMLLRGNPQFQRQPQW<br>DDPVVCIALVTNAWVFLLYIVPELCILYRSCRQECPLQGNACPVTAHQHSFQVENQ<br>ELSRARDSDGAEEDVALTSYGTPIQPQTVDPTQECFIPQAKLSPQQDAGGV |
| <b>Applications</b>     | Antibody Production<br>Functional Study                                                                                                                                                                                                                                                                                                                                   |

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### Compound Screening

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                          |

## GENE INFORMATION

|                        |                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GPRC5D G protein-coupled receptor, family C, group 5, member D [ Homo sapiens ]                                                                                                 |
| <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>         | 55507                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_018654                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_061124                                                                                                                                                                       |
| <b>MIM</b>             | 607437                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q9NZD1                                                                                                                                                                          |

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