

# Recombinant Human GPRC6A Protein, His-Tagged

**Cat. No.** GPRC6A-01H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GPRC6A Protein, His-Tagged was expressed in Escherichia coli cell                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Members of family C of the G protein-coupled receptor (GPCR) superfamily, such as GPRC6A, are characterized by an evolutionarily conserved amino acid-sensing motif linked to an intramembranous 7-transmembrane loop region. Several members of GPCR family C, including GPRC6A, also have a long N-terminal domain |
| <b>Molecular Mass</b>   | 28.2 kDa                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -80°C after receiving vials.                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | 50mM Tris, pH8.0, 8M Urea                                                                                                                                                                                                                                                                                            |

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## GENE INFORMATION

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Gene Name       | GPRC6A G protein-coupled receptor class C group 6 member A [ Homo sapiens (human) ] |
| Official Symbol | GPRC6A                                                                              |
| Synonyms        | GPCR; bA86F4.3                                                                      |
| Gene ID         | 222545                                                                              |
| mRNA Refseq     | NM_001286354.1                                                                      |
| Protein Refseq  | NP_683766                                                                           |
| MIM             | 613572                                                                              |
| UniProt ID      | Q5T6X5                                                                              |

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