

## Recombinant Human CHRM5 protein, His-tagged

**Cat. No.** CHRM5-4533H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CHRM5 protein(P08912)(215-443aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 215-443aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 31.5 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

RIYRETEKRTKDLADLQGSDSVTKAEKRKPAHRALFRSCLRCRPTLAQRERNQAS  
 WSSSRRTSTTGKPSQATGPSANWAKAEQLTTCSSYPSEDEDKPATDPVLQVVY  
 KSQKGESPGEEFSAEETEETFVKAETEKSDYDTPNYLLSPAAHRPKSQKCVAYKF  
 RLVVKADGNQETNNGCHKVKIMPCFPVAKEPSTKGLNPNPSHQMTKRKRVLVKE  
 RKAAQT

**GENE INFORMATION**
**Gene Name**

CHRM5 cholinergic receptor, muscarinic 5 [ Homo sapiens ]

**Official Symbol**

CHRM5

**Synonyms**

CHRM5; cholinergic receptor, muscarinic 5; muscarinic acetylcholine receptor M5;  
 acetylcholine receptor; muscarinic 5; acetylcholine receptor, muscarinic 5; HM5;  
 MGC41838;

**Gene ID**

1133

**mRNA Refseq**

NM\_012125

**Protein Refseq**

NP\_036257

**MIM**

118496

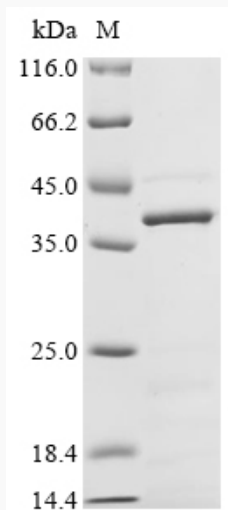
**UniProt ID**

P08912

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**SDS-PAGE**

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