

Recombinant Human CHRM3 Protein (253-492 aa), His-B2M-tagged

Cat. No. CHRM3-2276H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human CHRM3 Protein (253-492 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-B2M tag at the N-terminal. Protein Description: Partial. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 253-492 aa |
| Description | The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover. |
| Form | Tris-based buffer,50% glycerol |
| Molecular Mass | 40.7 kDa |
| AA Sequence | RIYKETEKRTKELAGLQASGTEAETENFVHPTGSSRSCSSYELQQQSMKRSNRRKY GRCHFVFTTKSWKPSSEQMDQDHSSSDSWNNNDAAASLENSASSDEEDIGSETR AIYSIVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLERKADKLQAQKSVDDGGSF PKSFSKLPIQLESVDTAKTSDVNSSVGKSTATLPLSFKEATLAKRFALKTRSQITKRK RMSLVKEKAAQT |

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|----------------------|---|
| Purity | > 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| Concentration | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information. |

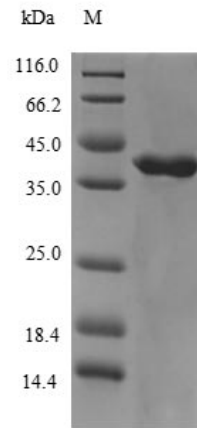
GENE INFORMATION

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|------------------------|--|
| Gene Name | CHRM3 cholinergic receptor, muscarinic 3 [Homo sapiens] |
| Official Symbol | CHRM3 |
| Synonyms | CHRM3; acetylcholine receptor; muscarinic 3; m3 muscarinic receptor; HM3; EGBRS; |
| Gene ID | 1131 |
| mRNA Refseq | NM_000740 |
| Protein Refseq | NP_000731 |
| MIM | 118494 |
| UniProt ID | P20309 |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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