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

Cat. No. CHRM3-1362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHRM3 Protein (253-492 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
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	28.7 kDa
AA Sequence	RIYKETEKRTKELAGLQASGTEAETENFVHPTGSSRSCSSYELQQQSMKRSNRRKY GRCHFWFTTKSWKPSSEQMDQDHSSSDSWNNNDAAASLENSASSDEEDIGSETR AIYSIVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLERKADKLQAQKSVDDGGSF PKSFSKLPIQLESAVDTAKTSDVNSSVGKSTATLPLSFKEATLAKRFALKTRSQITKRK RMSLVKEKKAAQT

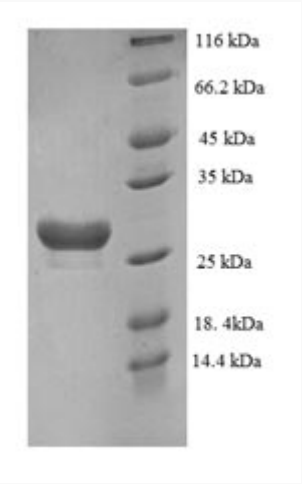
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	CHRM3 cholinergic receptor, muscarinic 3 [Homo sapiens]
Official Symbol	CHRM3
Synonyms	CHRM3; 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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