

## Recombinant Human CHR3 Protein (253-492 aa), His-tagged

Cat. No. CHR3-1362H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CHR3 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  
 GRCHFVFTTKSWKPSSEQMDQDHSSSDSWNNNDAAASLENSASSDEEDIGSETR  
 AIYSIVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLERKADKLQAQKSVDDGGSF  
 PKSFSKLPIQLESVDTAKTSDVNSSVGKSTATLPLSFKEATLAKRFALKTRSQITKRK  
 RMSLVKEKAAQT

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

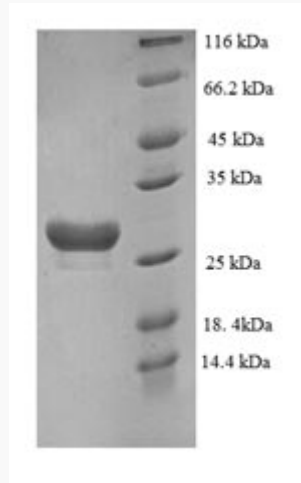
## GENE INFORMATION

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

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

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