

# Recombinant Human CHRNG Protein, His-tagged

**Cat. No.** CHRNG-1839H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CHRNG Protein is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience.<br>Protein Description: Partial.                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.                                                                                                                       |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 27.5 kDa                                                                                                                                                                                                                                                                                                            |
| <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. |

 Tel: 1-631-559-9269    1-516-512-3133

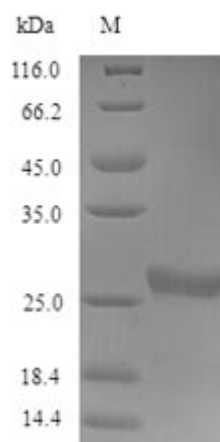
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CHRNA3 cholinergic receptor, nicotinic, gamma (muscle) [ Homo sapiens ]       |
| <b>Official Symbol</b> | CHRNA3                                                                        |
| <b>Synonyms</b>        | CHRNA3; acetylcholine receptor; nicotinic; gamma (muscle); ACHRA3; MGC133376; |
| <b>Gene ID</b>         | 1146                                                                          |
| <b>mRNA Refseq</b>     | NM_005199                                                                     |
| <b>Protein Refseq</b>  | NP_005190                                                                     |
| <b>MIM</b>             | 100730                                                                        |
| <b>UniProt ID</b>      | P07510                                                                        |



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

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