

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | ACHA |
| Synonyms | ACHRA, ACHRD, CHRNA, CMS1A, CMS1B, CMS2A, FCCMS, SCCMS |
| Description | Human ACHA full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P02708 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Cys-loop Receptors |
| Protein Pathways | N/A |
| Molecular Weight | The human full length ACHA protein has a MW of 54.5kDa |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha subunits and 1 each of the beta, gamma, and delta subunits. This gene encodes an alpha subunit that plays a role in acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Nov 2012] |
| Usage | Research use only |
| Conjugate | Unconjugated |

