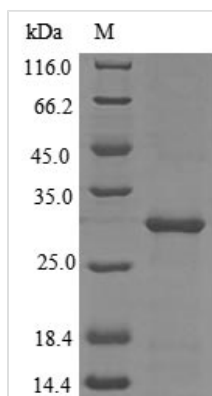




# Recombinant Tetronarce californica Acetylcholine receptor subunit alpha (CHRNA1), partial

<b>Product Code</b>	CSB-EP005386TOT
<b>Relevance</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>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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P02710
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Torpedo californica (Pacific electric ray)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	SEHETRLVANLLENYNKVIKRPVEHHTHFVDITVGLQLIQLISVDEVNQIVETNVRL RQQWIDVRLRWNPADYGGIKKIRLPDLDVLYNNADGDFAIHMTKLL LDYTGKIMWTPPAIFKSYCEIIVTHFPFDQQNCTMKLGIWTDGDKVSIKSPESDR PDLSTFMESGEWVMKDYRGWKHWVYYTCCPDTPYLDITYHFIMQRI
<b>Lead Time</b>	3-7 business days
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Gene Names</b>	CHRNA1
<b>Expression Region</b>	25-234aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	28.8 kDa
<b>Protein Description</b>	Partial
<b>Image</b>	



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