

Recombinant Mouse Acetylcholine receptor subunit
alpha(Chrna1),partial



Catalog No: #AP73672

Orders: order@abscitech.com

Support: tech@abscitech.com

Package Size: #AP73672-1 10ug #AP73672-2 50ug #AP73672-3 100ug #AP73672-4 200ug #AP73672-5 500ug #AP73672-6 1mg

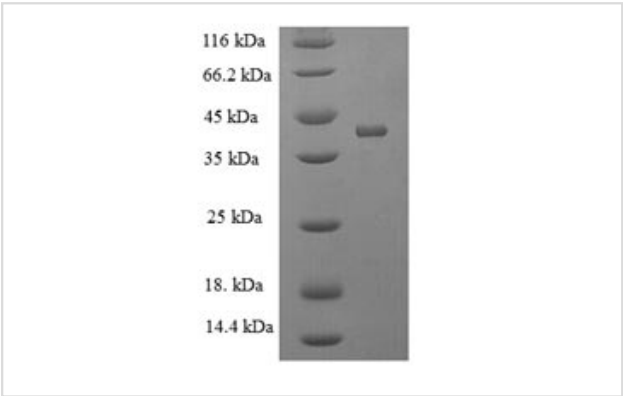
Description

Product Name	Recombinant Mouse Acetylcholine receptor subunit alpha(Chrna1),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	Chrna1
Accession No.	Uniprot ID: P04756
Target Species	Ms
SDS-PAGE MW	31.15kDa
Target Length	Extracellular Domain,21-230aa
Tag Info	N-terminal 20xHis-SUMO-tagged
Target Sequence	SEHETRLVAKLFEDYSSVVRPVEDHREIVQVTVGLQLIQLINVDEVNQIVTTNVRLKQQWVDYNLKWNPDDYG GVKKIHIPSEKIWRPDVVLNNADGDFAIKFTKVLLDYTGHITWTPPAIFKSYCEIIVTHFPFDEQNCSMKLGTW TYDGSVVAINPESDQPDLSNFMESGEWWIKEARGWKHWVFYSCCPTTPYLDITYHFVMQRL
Formulation	Tris-based buffer,50% glycerol
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Application Details

Greater than 80% as determined by SDS-PAGE.

Images



Background

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 mbrane.

References

Crystal structure of the Extracellular domain of nAChR alpha1 bound to alpha-bungarotoxin at 1.94 A resolution.Dellisanti C.D., Yao Y., Stroud J.C., Wang Z.Z., Chen L.Nat. Neurosci. 10:953-962(2007)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.