

Nicotinic Acetylcholine Receptor alpha 1 Recombinant Protein | CHRNA1 recombinant protein

Recombinant Human Nicotinic Acetylcholine Receptor alpha 1

CATALOG # AAA249452	HOST E Coli
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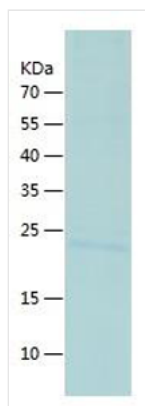
PRODUCT SYNONYMS

Nicotinic Acetylcholine Receptor alpha 1; Recombinant Human Nicotinic Acetylcholine Receptor alpha 1; Acetylcholine receptor subunit alpha; ACHA_HUMAN; AChR; ACHRA; ACHRD; CHNRA; Cholinergic receptor nicotinic alpha 1 subunit; Cholinergic receptor nicotinic alpha polypeptide 1; Cholinergic receptor; nicotinic; alpha polypeptide 1 (muscle); Chrna1; CMS1A; CMS1B; CMS2A; FCCMS; Nicotinic cholinergic receptor alpha 1; SCCMS; Schizophrenia neurophysiologic defect candidate; CHRNA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH7.4
Sequence Positions	21-209
Species	Human
Tag	N-terminal His Tag
Reconstitution	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, do not vortex.
Preparation and Storage	The lyophilized protein is stable at -20°C for up to 1 year. The protein solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	87567783
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NCBI GeneID	1134
NCBI Accession #	NP_001034612.1
NCBI GenBank Nucleotide #	NM_001039523.2
UniProt Accession #	P02708; B4DRV6; D3DPE8
Molecular Weight	23.7 kDa under reducing conditions
NCBI Official Full Name	acetylcholine receptor subunit alpha isoform a
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 1 (muscle)
NCBI Official Symbol	CHRNA1
NCBI Official Synonym Symbols	ACHRA; ACHRD; CHRNA; CMS2A; FCCMS; SCCMS
NCBI Protein Information	acetylcholine receptor subunit alpha; nicotinic cholinergic receptor alpha 1; muscle nicotinic acetylcholine receptor; nicotinic acetylcholine receptor alpha subunit; acetylcholine receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, al
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	CHRNA1
UniProt Synonym Gene Names	ACHRA; CHNRA
UniProt Entry Name	ACHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chrna1-recombinant-protein-e-coli/249452>