

Cholinergic Receptor Recombinant Protein | CHRNa7 recombinant protein

Recombinant Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNa7)

CATALOG # AAA144101	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cholinergic Receptor; Recombinant Cholinergic Receptor; Nicotinic; Alpha 7 (CHRNa7); CHRNa7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags.His-t agandGST-t ag.itssequ enceislist edbelow.GEFQRKL YKELVKNYNP LERPANDSQ PLTVYFSLSL LQIMDVDEKN QVLTNNIWLQ MSWTDHYLQW NVSEYPGVKT VRFPDGGQWK PDILLYNSAD ERFDATFHTN VLVNSSGHCQ YLPPGIFKSS CYIDVRWFPP DVQHCKLKFG SWSYGGWSLD LQMQEADISG YIPNGEWDLV GIPGKRSEF YECCKEPYPD VTFTVTMRRR TLYYGLNLLI PCVLISALAL LVFLLPADSG EKISLGITVL LSLTVFMLLV AEIMPATSDS VPLIAQYFAS TMIIVGLSVV VTIVLQYHH HDPDGGKMPK WTRVILLNWC AWFLRMKRPG EDKVRPACQH KQRRCSLASV EMSAVAPPPA SNGNLLYIGF RGLDGVHCVP TPDGVCGR MACSPHDEH LLHGGQPPEG DPDLAKEE VRYIANRFRC QDESEAVCSE WKFAACVVDL LCLMAFSVFT IICTIGILMS APNFVEAVSK DFA
Applicable Applications for CHRNa7 recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted isoelectric point	5.9
Predicted Molecular Mass	84.2kDa
Accurate Molecular Mass	84kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Residues	Gly23~Ala502
Tags	Two N-terminal Tags, His-tag and GST-tag
Tissue Specificity	Salivary Gland, Colon, Kidney, Seminal Vesicle, Ovary.
Subcellular Location	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane.
Traits	Freeze-dried powder
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE



Sequence

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cholinergic-receptor-recombinant-protein-e-coli-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144101>