

Recombinant Full Length Rat Neuronal Acetylcholine Receptor Subunit Alpha-3(Chrna3) Protein, Tag-Free

Cat. No. RFL14526RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Neuronal acetylcholine receptor subunit alpha-3(Chrna3) Protein (P04757) (26-499aa) was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length of Mature Protein (26-499)

Form

Lyophilized powder

AA Sequence

SEAEHRLFQYLFEDYNEIIRPVANVSHPVIIQFEVSMSQLVKVDEVNQIMETNLWLKQI
 WNDYKLLKWKPSDYQGVEFMRVPAEKIWKPDIVLYNNADGDFQVDDKTKALLKYTG
 EVTWIPPAIFKSSCKIDVTYFPFDYQNCTMKFGSWSYDKAKIDLVLIGSSMNLKDYWE
 SGEWAIKAPGYKHEIKYNCCEEIYQDITYSLYIRRLPLFYTINLIIPCLLISFLTVLVFLP
 SDCGEKVTLCISVLLSLTVFLLVITETIPSTSLVIPLIGEYLLFTMIFVTLISIVITVFLNVH
 YRTPTHTMPTWVKAVFLNLLPRVMFMTRPTSGEGDTPKTRTFYGAELSNLNCFSR
 ADSKSCKEGYPCQDGTGCGYCHHRRVKISNFSANLTRSSSSSESVNAVLSLSALSPEIK
 EAIQSVKYIAENMKAQNVAKEIQDDWKYVAMVIDRIFLWVFILVCILGTAGLFLQPLMA
 RDDT Note: The complete sequence including tag sequence, target protein sequence
 and linker sequence could be provided upon request.

Purity

Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Chrna3
Synonyms	Chrna3; Acra3; Neuronal acetylcholine receptor subunit alpha-3
UniProt ID	P04757

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