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YBB913Mu01 100ug

Recombinant Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNA4)

Organism Species: *Mus musculus* (Mouse)

*Instruction  
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ PROPERTIES ]

Residues: Ile32~Thr249

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: 070174

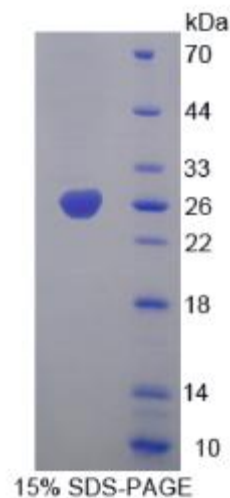
Host: *E. coli*

Subcellular Location: Cell junction, synapse,  
postsynaptic cell membrane. Multi-pass membrane  
protein. Cell membrane. Lipid-anchor.

Purity: >90%

Endotoxin Level: <1.0EU per 1  $\mu$ g (determined by the  
LAL method).

Formulation: Supplied as lyophilized form in 20mM  
Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM  
DTT, 0.01% sarcosyl, 5% trehalose, and preservative.





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Predicted isoelectric point: 5.6

Predicted Molecular Mass:

29.4kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

### [ USAGE ]

Reconstitute in sterile ddH<sub>2</sub>O.

### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCES ]

The sequence of the target protein is listed below.

IETRAHAE RLLKRLFSGY NKWSRPVANI SDVVLVRFGL SIAQLIDVDE KNQMMTTNVW  
VKQEWHDYKL RWDPGDYENV TSIRIPSELI WRPDIVLYNN ADGDFAVTHL TKAHLFYDGR  
VQWTPPAIYK SSCSIDVTFF PFDQQNCTMK FGSWTYDKAK IDLVSMHSRV DQLDFWESGE  
WVIVDAVGTY NTRKYECCAE IYPDITYAFI IRRLLPFYT