

# Recombinant Full Length Chicken Neuronal Acetylcholine Receptor Subunit Beta-4(Chrn4) Protein, His-Tagged

Cat. No. RFL21422GF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length Chicken Neuronal acetylcholine receptor subunit beta-4(CHRNB4) Protein (P26153) (4-470aa), fused to N-terminal His tag, was expressed in E. coli.

**Species** Chicken

**Source** E.coli

**ProteinLength** Full Length of Mature Protein (4-470)

**Form** Lyophilized powder

**AA Sequence**

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ADAEKLMNHLLSPDRYNKLIRPAVNSSQLVSIQLQVSLAQLISVNEREQIMTTNVWL
NQ EWIDYRLAWKPSDYEGINMLRIPAKHIWLPDIVLYNNADGTYEVSLYTNAIVQNN
GSIRW LPPAIYKSACKIEVKHFPFDQQNCTLKFRSWTYDHTEIDMVLKTSMASMDDF
TPSGEWDI VALPGRRTENPLDPNYVDVTDYDFIIRKPLFYINLIIPCVLITSLAILVFYL
PSDCGEK MTLICISVLLALTVFLLLISKIVPPTSLDVPLIGKYLMTMLVTFIVTSVCV
LNVHRS PSTHTMPPWVKLVFLERLPAYLFMKRPENNSPRQKPANCKKTRAENLC
MDPADFYKNSTY FVNTASAKKYDMKITDTLDNVSSHQDFRLRTGTFKSPEVQEAI
GVSFIAEHMKSDDNDQ SVIEDWKYVAMVVDRLFLWIFVLVCLVGLTVGLFLQPLFQN
HIAATNP
    
```

**Purity** Greater than 90% as determined by SDS-PAGE.

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|                         |   |
|-------------------------|---|
| <b>Applications</b>     | SDS-PAGE  |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0   |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | CHRNB4  |
| <b>Synonyms</b>         | CHRNB4; Neuronal acetylcholine receptor subunit beta-4; Neuronal acetylcholine receptor non-alpha-3 chain; N-alpha 3; Fragment  |
| <b>UniProt ID</b>       | <a href="#">P26153</a>  |

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