

Recombinant Full Length Pongo Pygmaeus Muscarinic Acetylcholine Receptor M3(Chrm3) Protein, His-Tagged

Cat. No. RFL25119PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Pongo pygmaeus Muscarinic acetylcholine receptor M3(CHRM3) Protein (Q9N2A2) (1-590aa), fused to N-terminal His tag, was expressed in E. coli.

Species Pongo Pygmaeus

Source E.coli

ProteinLength Full Length (1-590)

Form Lyophilized powder

AA Sequence

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MTLHSNSTTSPLFPNISSSWIHSPSDAGLPRGTVTHFGSYNVSRAAGNFSSPNGPT
DDPL GGHTVWQVVFIAFLTGILALVTIIGNILVIVSFKVNKQLKTVNNYFLLSLACADLII
GVI SMNLFTTYIIMNRWALGNLACDLWLAIYVASNASVMNLLVISFDRYFSITRPLTY
RAKR TTKRAGVMIGLAWVISFVLWAPILFWQYFVGKRTVPPGECFIQFLSEPTITFG
TAIAAF YMPVTIMTILYWRIYKETEKRTELQASGTEAETENFVHPTGSSRSCSS
YELQQQSM KRANRRKYGRCHFVFTTKSWKPSSEQMDQDHSSSDSWNNNDAAAS
LENSASSDEEDIGSE TRAIYSIVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLER
KANKLQAQKSVDDGGSF PKSFSKLPIQLESADVDTAKTADVNSSVGKTTATLPLSFKE
ATLAKRFALKTRSQITKRKR MSLVKEKAAQTL SAILLAFIITWTPYNIMVLVNTFCDS
CIPKTFWNLGYWLCYINSTVN PVCYALCNKTFRTTFKMLLLCQCDKRRKQYQQ
RQSVIFHKRAPEQAL
    
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 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|---|
| Purity | Greater than 90% as determined by 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 multiple 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 | CHRM3 |
| Synonyms | CHRM3; Muscarinic acetylcholine receptor M3 |
| UniProt ID | Q9N2A2 |

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