

# Recombinant Full Length Mouse Pituitary Adenylate Cyclase-Activating Polypeptide Type I Receptor(Adcyap1R1) Protein, His-Tagged

Cat. No. RFL-15503MF Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Mouse Pituitary adenylate cyclase-activating polypeptide type I receptor(Adcyap1r1) Protein (P70205) (21-496aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Mus musculus  |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length (21-496)  |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MHSDCIFKKEQAMCLERIQRANDLMGLNESSPGCPGMWDNITCWKPAQIGEMVLV<br>SCPEV FRIFNPDQVWMTETIGDSGFADSNLSLEITDMGVVGRNCTEDGWSEPPHY<br>FDACGFDDYE PESGDQDYYYLSVKALYTVGYSTSLVTLTTAMVILCRFRKLHCTRNF<br>IHMNLFVSFMLRA ISVFIKDWILYAEQDSSHCFVSTVECKAVMVFFHYCVVSNYFWL<br>FIEGLYLFTLLVETFF PERRYFYWYTIIGWGTPVCVTWAVLRLYFDDAGCWDMN<br>DSTALWWWIKGPVVG SIMVN FVLFIGIIIIIVQKLQSPDMGGNESSIYFSCVQKCYCKP<br>QRAQQHSCKMSELSTITRLA RSTLLLIPLFGIHYTVFAFSPENVSKRERLVFELGLG<br>SFQGFVVAVLYCFLNGEVQAEIK RKWRSWKVNRYFTMDFKHRHPSLASSGVNGGT<br>QLSILSKSSSQLRMSSLPADNLAT |
| <b>Purity</b>           | 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>        | Adcyap1r1   |
| <b>Synonyms</b>         | Adcyap1r1; Pituitary adenylate cyclase-activating polypeptide type I receptor; PACAP type I receptor; PACAP-R-1; PACAP-R1   |
| <b>UniProt ID</b>       | <a href="#">P70205</a>  |

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