

## Recombinant Full Length Rat Prokineticin Receptor 2(Prokr2) Protein, His-Tagged

**Cat. No.** RFL36425RF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rat Prokineticin receptor 2(Prokr2) Protein (Q8R415) (1-383aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Full Length (1-383)                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MGDQNGNTSFAPDLNPPQDHVSLLPLNYSYGDYDIPLDDDEDVTKTQTFFAAKIVIG<br>VAL AGIMLVCGVGNFVFIAALARYKKLRNLNLLIANLAISDFLVAIVCCPFEMDYYVV<br>RQLS WEHGHVLCASVNYLRTVSLYVSTNALLAIAIDRYLAIVHPLKRMNYQTASFLIA<br>LVWMVS ILIAIPSAYFTTETILVIVKNQEKLFCGQIWPVDQQLYYKSYFLFVFGLEFVG<br>PVVTMTL CYARISQELWFKAVPGFQTEQIRKRLRCRRKTVLLLMGILTAYVLCWAPF<br>YGFTIVRDFP PTLVVKEKHLYTAFYVVECIAMSNMINTICFVTVKNNMTMKYFKKMLL<br>LHWRPSHYGSKS SADLDLKTSGVPATEEVDCIRLK |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                              |

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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**

Prokr2

**Synonyms**

Prokr2; Gpr73l1; Pkr2; Prokineticin receptor 2; PK-R2; G-protein coupled receptor 73-like 1; G-protein coupled receptor I5E

**UniProt ID**

[Q8R415](#)

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