

## Recombinant Rat Adra2a, His-tagged

**Cat. No.** Adra2a-3330R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alpha-2A adrenergic receptor (Adra2a)                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 465                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                                |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                            |
| <b>Notes</b>            | Small volumes of Adra2a recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                        |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                     |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Adra2a adrenoceptor alpha 2A [ Rattus norvegicus ]                                                                                                                                                            |
| <b>Official Symbol</b>     | Adra2a                                                                                                                                                                                                        |
| <b>Synonyms</b>            | RG20; CA2-47; RATRG20; alpha-2A adrenergic receptor; alpha-2AAR; alpha-2A adrenoceptor; alpha-2A adrenoreceptor; alpha-2D adrenergic receptor; adrenergic receptor, alpha 2a; adrenergic, alpha-2A-, receptor |
| <b>Gene ID</b>             | 25083                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>         | NM_012739                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_036871                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | P22909                                                                                                                                                                                                        |
| <b>Chromosome Location</b> | chromosome: 1                                                                                                                                                                                                 |
| <b>Pathway</b>             | GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Monoamine GPCRs, organism-specific biosystem                                                                                                      |
| <b>Function</b>            | adrenergic receptor activity; alpha-2C adrenergic receptor binding                                                                                                                                            |

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