

Recombinant Rat Adra1b, His-tagged

Cat. No. Adra1b-3316R Lot. No. (See product label)

SPECIFICATION

Product Overview	Alpha-1B adrenergic receptor (Adra1b)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	515
Description	couples with G alpha(h) (transglutaminase II) to activate phospholipase C; facilitates Ca ²⁺ release and capacitative Ca ²⁺ entry .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Adra1b 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.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name Adra1b adrenergic, alpha-1B-, receptor [*Rattus norvegicus*]

Official Symbol Adra1b

Synonyms ADRA1B; adrenergic, alpha-1B-, receptor; alpha-1B adrenergic receptor; alpha 1B-adrenoceptor; alpha-1B adrenoceptor; alpha 1B-adrenoreceptor; alpha-1B adrenoreceptor; Adrenergic alpha 1B- receptor; adrenergic receptor, alpha 1b;

Gene ID 24173

mRNA Refseq NM_016991

Protein Refseq NP_058687

Pathway Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Monoamine GPCRs, organ

Function G-protein coupled receptor activity; adrenergic receptor activity; alpha1-adrenergic receptor activity; alpha1-adrenergic receptor activity; receptor activity; signal transducer activity;

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