

Recombinant Human ADBR1 and GsαS fusion protein, Flag and His-tagged

Cat. No. ADRB1-1035H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ADBR1 Gly389 (aa1-477, P08588) with an N terminal FLAG tag fused at the C terminal to the N terminal of Gsαs (P63092-2) via a His tag, expressed in Sf9 insect cells; Predicted MWt 97 kDa.
Species	Human
Source	Insect Cells
ProteinLength	1-477 a.a.
Description	The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure.
Formulation	Liquid.
Biologicalactivity	Receptor expression level: 2 - 10 pmol/mg
Storage buffer	Preservative: None; Constituents: 75mM Tris HCl, 12.5mM Magnesium chloride, 1mM EDTA, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw

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cycles.

OfficialSymbol ADRB1

Full Length Full L.

GENE INFORMATION

Gene Name ADRB1 adrenoceptor beta 1 [Homo sapiens]

Synonyms adrenoceptor beta 1; ADRB1; RHR; B1AR; ADRB1R; BETA1AR; beta-1 adrenergic receptor; beta-1 adrenoceptor; beta-1 adrenoreceptor; adrenergic, beta-1-, receptor

Gene ID 153

mRNA Refseq NM_00068

Protein Refseq NP_000675

UniProt ID P08588

Chromosome Location 10q25.3

Pathway Adrenoceptors, organism-specific biosystem; Amine ligand-binding receptors, organism-specific biosystem ; Calcium Regulation in the Cardiac Cell, organism-specific biosystem

Function PDZ domain binding

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