Recombinant Human ADRa1A

Cat. No. ADRa1A-3224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adrenergic Receptor Alpha 1A (ADRa1A)
Species	Human
Source	E.coli
Description	About the Marker: Effective Size Range: 10kDa to 70kDa.Protein bands: 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and70kDa.Double intensity bands: The 26kDa, 18kDa, 10kDa bands are at doubleintensity to make location and size approximation of proteins of interestquick and easy.Ready-to-use: No need to heat, dilute or add reducing agents before use.
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	19.2kDa
Endotoxin	<1.0eu per 1ug (determined by the lal</1.0eu
Purity	>95%
Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Notes	Small volumes of ADRa1A 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

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	cap. Certain products may require to ship with dry ice.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ADRA1A adrenergic, alpha-1A-, receptor [Homo sapiens]
Official Symbol	ADRa1A
Synonyms	ADRA1A; adrenergic, alpha-1A-, receptor; ADRA1C; alpha-1A adrenergic receptor; ADRA1L1; alpha-1A adrenoceptor; alpha-1A adrenoreceptor; G protein coupled receptor; alpha-1C adrenergic receptor; adrenergic, alpha-1A-, receptor variant 1; adrenergic, alpha-1A-, receptor variant 3; adrenergic, alpha-1A-, receptor variant 5; adrenergic, alpha-1A-, receptor variant 8; ALPHA1AAR;
Gene ID	148
mRNA Refseq	NM_000680

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Protein Refseq	NP_000671
MIM	104221
UniProt ID	P35348
Chromosome Location	8p21.2
Pathway	Adrenoceptors, organism-specific biosystem; Amine ligand-binding receptors, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway
Function	G-protein coupled receptor activity; adrenergic receptor activity; alpha1-adrenergic receptor activity; alpha1-adrenergic receptor activity; alpha1-adrenergic receptor activity; receptor activity; signal transducer activity;

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