

Adrenergic Receptor Beta 2 (ADRB2) Recombinant Protein | ADRb2 recombinant protein

Recombinant Adrenergic Receptor Beta 2 (ADRB2)

CATALOG # AAA150723	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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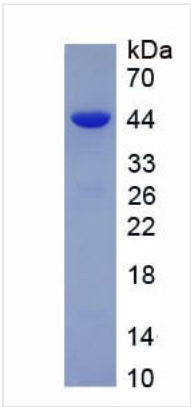
PRODUCT SYNONYMS

Adrenergic Receptor Beta 2 (ADRB2); Recombinant Adrenergic Receptor Beta 2 (ADRB2); Adrenergic Receptor Beta 2; B2AR; Beta-2 adrenoreceptor; ADRb2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>80%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Pro330~Leu 418
Applicable Applications for ADRb2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Mouse
Tag	N-terminal GST Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.2
Subcellular Location	Membrane
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

NGGYSSNSNG RTDVTGEQSA YQLGQEKENE LLCEEAPGME GFVNCQGTVP
SLSIDSQGRN CNTNDSPL P DFRIAFQELL CLRRSSSKTY

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ADRb2 recombinant protein	Endocrinology; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34328092
NCBI GeneID	11555
NCBI Accession #	NP_031446.2
NCBI GenBank Nucleotide #	NM_007420.3
UniProt Accession #	P18762; Q8BH38
Molecular Weight	46,998 Da
NCBI Official Full Name	beta-2 adrenergic receptor
NCBI Official Synonym Full Names	adrenergic receptor, beta 2
NCBI Official Symbol	Adrb2
NCBI Official Synonym Symbols	Badm; Gpcr7; Adrb-2
NCBI Protein Information	beta-2 adrenergic receptor
UniProt Protein Name	Beta-2 adrenergic receptor
UniProt Gene Name	Adrb2
UniProt Synonym Gene Names	Adrb2r; Beta-2 adrenoceptor
UniProt Entry Name	ADRB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.