

Arrestin Beta 1 (ARRb1) Recombinant Protein | ARRb1 recombinant protein

Recombinant Arrestin Beta 1 (ARRb1)

CATALOG # AAA150697	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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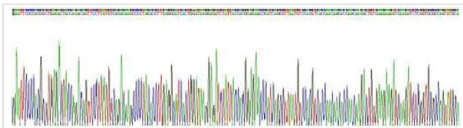
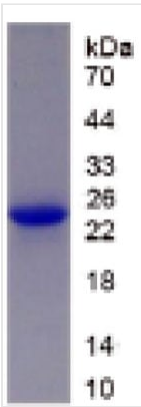
PRODUCT SYNONYMS

Arrestin Beta 1 (ARRb1); Recombinant Arrestin Beta 1 (ARRb1); ARRb1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for ARRb1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro182~Glu359
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.1
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	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. 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



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

ASLDKEIYYH	GEPISVNVHV	TNNTNKTVKK	PTAETTRQF	LMSDKPLHLE
CPVAMEEADD	NVAPSTFCK	VYTLTPFLAN	IKISVRQYAD	ICLFNTAQYK
ASSTLLREGA	NREILGIIVS	YKVKVKLVVS	NREKRGALD	GKLKHEDTNL
LMHPKPKEE			RGLLGLDAS	SDVAVELPFT

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for ARRB1 recombinant protein	Signal transduction; Endocrinology; Neuro science; Hormone metabolism; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30089716
NCBI GeneID	109689
NCBI Accession #	NP_796205.1
NCBI GenBank Nucleotide #	NM_177231.2
UniProt Accession #	Q8BWG8; Q3UH95; Q8BTJ5
Molecular Weight	Predicted Molecular Mass: 23.7kDa Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	beta-arrestin-1 isoform A
NCBI Official Synonym Full Names	arrestin, beta 1
NCBI Official Symbol	Arrb1
NCBI Official Synonym Symbols	AW208571; 1200006I17Rik; G430100A01Rik
NCBI Protein Information	beta-arrestin-1; beta-arrestin1
UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	Arrb1
UniProt Entry Name	ARRB1_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.