

Recombinant Full Length Human ARRB2 Protein, GST-tagged

Cat. No. ARRB2-1247HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARRB2 full-length ORF (AAH67368.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	409 amino acids
Description	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]
Molecular Mass	72.5 kDa
AA Sequence	MGEKPGTRVF KKSSPNCKLT VYLGKRDFVD HLDKVPVDG VVLVDPDYLK DRKVFVTLTC AFRYGREDLD VLGLSFRKDL FIATYQAFPP VPNPPRPPTR LQDRLLRKLG QHAHPFFFTI PQNLPCSVTL QGPEDTGKA CGVDFEIRAF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CAKSLEEKSH KRNSVRLVIR KVQFAPEKPG PQPSAETTRH FLMSDRSLHL
 EASLDKELYY HGEPLNVNVH VTNNSTKTVK KIKVSVRQYA DICLFSTAQY
 KCPVAQLEQD DQVSPSSTFC KVYTITPLLS DNREKRGLAL DGKCLKHEDTN
 LASSTIVKEG ANKEVLGILV SYRVKVKLVV SRGGDVSVEL PFVLMHPKPH
 DHIPLRPQS AAPETDVPVD TNLIEFDNY ATDDDIVFED FARLRLKGMK
 DDDYDDQLC

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

ARRB2 arrestin, beta 2 [Homo sapiens]

Official Symbol

ARRB2

Synonyms

ARRB2; arrestin, beta 2; ARR2; beta-arrestin-2; arrestin 3; BARR2; DKFZp686L0365;
 arrestin beta-2; ARB2

Gene ID

409

mRNA Refseq

NM_001257328

Protein Refseq

NP_001244257

MIM

107941

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P32121

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA