

## Recombinant Human ARRB1 Protein, N-His-tagged

Cat. No. ARRB1-11H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human arrestin, beta 1 (ARRB1), transcript variant 1, full length, with N-terminal His tag, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described.
<b>Form</b>	50mM Tris, 8M Urea, pH8.0.
<b>Molecular Mass</b>	46.9 kDa
<b>AA Sequence</b>	A DNA sequence encoding the full length of ARRB1.
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Applications</b>	Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">ARRB1</a> arrestin beta 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	<a href="#">ARRB1</a>
<b>Synonyms</b>	ARB1; ARR1
<b>Gene ID</b>	<a href="#">408</a>
<b>mRNA Refseq</b>	<a href="#">NM_004041.5</a>
<b>Protein Refseq</b>	<a href="#">NP_004032.2</a>
<b>MIM</b>	<a href="#">107940</a>
<b>UniProt ID</b>	<a href="#">P49407</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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