

Recombinant Human ARRB1 Protein, His-tagged

Cat. No. ARRB1-026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human arrestin, beta 1 (ARRB1), transcript variant 1. was expressed in E. coli.
Species	Human
Source	E.coli
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 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. [provided by RefSeq, Jan 2011] GeneCards Summary for ARRB1 Gene
Molecular Mass	48.1 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test.
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Concentration	Resuspend the protein to the desired concentration in proper buffer.
Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.2.

GENE INFORMATION

Gene Name	ARRB1 arrestin, beta 1 [Homo sapiens]
Official Symbol	ARRB1
Synonyms	ARRB1; arrestin, beta 1; ARR1; beta-arrestin-1; arrestin 2; ARB1;
Gene ID	408
mRNA Refseq	NM_004041
Protein Refseq	NP_004032
MIM	107940
UniProt ID	P49407

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