

Recombinant Human ARRB1 (C-6His)

Catalog No: C102

Description	Recombinant Human Beta-Arrestin 1 is produced by our E.coli expression system and the target gene encoding Met1-Arg418 is expressed with a 6His tag at the C-terminus.	
Source	E.coli	
Alternative name	Beta-Arrestin-1; Arrestin Beta-1; ARRB1; ARR1	
Accession No.	P49407	
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.	
Quality Control	Purity	Greater than 95% as determined by reducing SDS-PAGE.
	Endotoxin	Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.	
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
Background	β-Arrestin-1 (ARRB1) is a cytoplasmic protein that belongs to the arrestin family. ARRB1 is expressed at high levels in peripheral blood leukocytes and the central nervous system. ARRB1 regulates agonist-mediated G- protein coupled receptor (GPCR) signaling by mediating both receptor desensitization and resensitization processes. ARRB1 acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. ARRB1 is believed to play a major role in regulating receptor- mediated immune functions. ARRB1 is involved in Toll-like receptor and IL-1 receptor signaling through the interaction with TRAF6.	

SDS-PAGE

