

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.

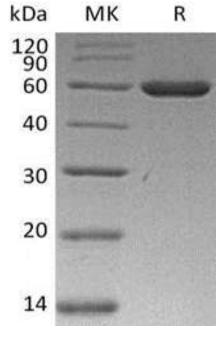
Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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



MK: Marker

R: Sample in reducing conditions

