9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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# ARL6 Human

*ADP-Ribosylation Factor-Like 6 Human Recombinant*
*RCP0114*

## Product Overview

| | |
|---|---|
| Name | ARL6 Human |
| **Description** | |
| ADP-Ribosylation Factor-Like 6 Human Recombinant | |
| Accession (Primary) | Q9H0F7 |
| **Synonyms** | |
| ADP-ribosylation factor-like 6, Bardet-Biedl syndrome 3 protein, BBS3, RP55, MGC32934. | |
| **Introduction** | |
| ARL6 is a member of the ARF family of GTP-binding proteins. ARL6 has a vital part in modulating membrane trafficking and cytoskeletal functions. Mutation in ARL6 is the source of Bardet-Biedl syndrome (BBS3) which is a pleiotropic genetic disorder that causes obesity, photoreceptor degeneration, polydactyly, hypogenitalism, renal abnormalities and developmental delay. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered clear solution. | |
| **Formulation** | |
| ARL6 protein solution (0.5mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.2M NaCl and 5mM DTT. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 90.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGLLDRLSVL LGLKKKEVHV LCLGLDNSGK TTIINKLKPS NAQSQNILPT IGFSIEKFKS SSLSFTVFDM SGQGRYRNLW EHYYKEGQAI IFVIDSSDRL RMVVAKEELD TLLNHPDIKH RRIPILFFAN KMDLRDAVTS VKVSQLLCLE NIKDKPWHIC ASDAIKGEGL QEGVDWLQDQ IQTVKT. | |
| **Precautions** | |
| ARL6 Human is for research use only and not for use in diagnostic or therapeutic procedures. | |

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# Target Information: ( Q9H0F7 )