

## ARL1(Q71L) PROTEIN

产品名称: ARL1(Q71L) 蛋白

货号: 10156

产品全名: ARL1 Protein Q71L 突变蛋白

基因符号: ADP-ribosylation factor-like 1, ARFL1

Source: Human, recombinant full length, His6-tag

Expression 种属反应性: E. coli

分子量: 20 kDa

纯化: >95% by SDS-PAGE

**Introduction:** ARL1 is a member of the Arf family of regulatory GTPases, within the Ras superfamily of GTPases (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform.

**Amino Acid Sequence** (1-181, Q71L)

MGGFFSSIFSSLFGTREMRILILGLDGAGKTTILYRLQVGEVVTITPTIGFNVETVYKLNLFQVWDLGGLTSSIRPYWRCYYSNTDAVIYVVDSCDRDRIGISKSELVAMLEEEELRKAILVVFANKQDMEQAMTSSEMANSLGLPALKDRKWQIFKTSATKGTGLDEAMEWLVELKSRQ

### Properties

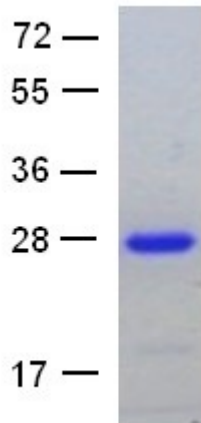
**Physical Appearance (form):** Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.

**Physical Appearance (form):** White or clear

**Concentration:** 1 mg/mL

**Storage:** -80°C

**Preparation Instructions:** Centrifuge the vial before open the cap and reconstitute in water. Adding of 10 mM β-mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β-D-maltoside (DoDM) or polyethylene detergents (e.g. CI2E10) also help to stabilize the protein. Avoid repeated freezing and thawing after reconstitution. The purity of His-tagged ARL1 Q71L was determined by SDS-PAGE and Coomassie Brilliant Blue Staining



**References:** 1. Hong, J.-X. et al., J. Biol. Chem. 273: 15872-15876, 1998. 2. Zhang, G.-F. et al., J. Biol. Chem. 270: 21-24, 1995.