

# Product Description

## ARF1(Δ17) PROTEIN

产品名称: Arf1(Δ17) 蛋白

货号: 10122

产品全名: Arf1 Protein Δ17 突变蛋白

基因符号 ADP-ribosylation factor 1

Source: Human, recombinant, His6-tag

Expression 种属反应性: E. coli

分子量: 21 kDa

纯化: >95% by SDS-PAGE

**Introduction:** Arf1 is a member of the ARF super-family. ARF genes encode small GTPases that increase the ADP-ribosyltransferase activity of cholera toxin and are critical for vesicular trafficking as activators of phospholipase D. Arf1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport.

**Amino Acid Sequence (1-181, Δ17)**

MGNIFANLFKGKKGK-MRILMVGGLDAAGKTILYKLKGIVTTIPTIGFNVETVEYKNISFTVWDVGGQDKIRPLWRHYFQNTQGLIFVVDSNDRERVNEAREELMRMLAEDELRAVLLVFANKQDLPNAMNAAEITDKLGLHSLRHNWYIQATCATSGDGLYEGLDWLSNQLRNQK

**Properties**

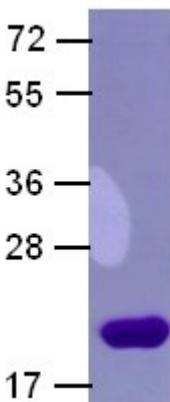
**Physical Appearance (form):** Dissolved in 20 mM Tris-HCl, pH 8.0, 150 mM NaCl.

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

**Concentration:** 1 mg/mL

**Storage:** -80°C

**Preparation Instructions:** Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.



**References:** 1. Amor, J. C. et al., Nature 372: 704–708, 1994. 2. Bobak, D. A. et al., Proc. Natl. Acad. Sci. 86: 6101–6105, 1989. 3. Hirai, M. et al., Genomics 34: 263–265, 1996. 4. Kumari, S. et al., Cell Biol. 10: 30–41, 2008. 5. Lee, C.-M. et al., J. Biol. Chem. 267: 9028–9034, 1992. 6. Mossessova, E. et al., Cell 92: 415–423, 1998. 7. Peng, Z. G. et al., Biofactors 2: 45–49, 1989. 8. Presley, J. F. et al., Nature 417: 187–193, 2002. 9. Renault, L. et al., Nature 426: 525–530, 2003.