

**ARL1, 1-181aa, Human, His tag, E.coli**

**Cat.NO.: TP01218**

3th Edition

**Synonyms:**ADP-ribosylation factor-like protein 1, ARFL1.

**Description:**ADP-ribosylation factor-like protein 1(ARL1) belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 100mM NaCl, 2mM DTT

**Molecular Weight:**22.5kDa (201aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGGFFSSIFSSLFGTREMRILILGLDGAGKTTILYRLQVGEVVTTIPTIGFNVETVTY  
KNLKFQVWDLGGQTSIRPYWRCYYSNTDAVIYVVDSCDRDRIGISKSELVAMLEEEELRKAILVVFANKQDMEQAM  
TSSEMANSLGLPALKDRKWQIFKTSATKGTGLDEAMEWLVELKSRQ

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.