

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
TSSEMANSGLPALKDRKWQIFKTSATKGTGLDEAMEWLVELKSRQ

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.