

Product information

ARL11, 1-196aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1130

Full name: ADP-ribosylation factor-like 11

NCBI Accession No.: NP_612459

Synonyms: ARLTS1

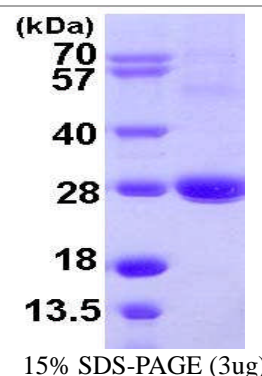
Description: ARL11(ADP-ribosylation factor-like protein 11), is a member of the ARF family of the Ras superfamily of small GTPases that are known to be involved in multiple regulatory pathways altered in human carcinogenesis. ARFs are highly conserved guanine nucleotide binding proteins that enhance the ADP-ribosyltransferase activity of cholera toxin. ARFs are important in eukaryotic vesicular trafficking pathways and they play an essential role in the activation of phospholipase D (PC-PLD). ARL11 is thought to function as a tumor suppressor that may play a role in the regulation of apoptosis. Recombinant human ARL11 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 100mM NaCl, 1mM EDTA

Molecular Weight: 23.6kDa (216aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSSLVPRGSH MGSVNSRGHK AEAQVMMGL DSAGKTTLLY KLKGHQLVET LPTVGFNVEP LKAPGHVSLT LWDVGGQAPL
 RASMKDYLEG TDILVYVLDS TDEARLPESA AELTEVLNDP NMAGVPFLVL ANKQEAPDAL PLLKIRNRLS LERFQDHCWE LRGCSALTGE
 GLPEALQSLW SLLKSRSCMC LQARAHGAER GDSKRS

General references:

Yendamuri S., *et al* (2008) *Cancer Lett.* 264(1):11-20.

Calin G.A., *et al* (2005) *N. Engl. J. Med.* 352:1667-1676.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.