

## Recombinant Human ARL11, His-tagged

**Cat. No.** ARL11-3557H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ARL11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-196aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 100mM NaCl, 1mM EDTA.
<b>Molecular Weight</b>	23.6kDa (216aa), confirmed by MALDI-TOF
<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)

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**Sequences Of Amino Acids**

MGSSHHHHHH SSGLVPRGSH MGSVNSRGHK AEAQVMMGL DSAGKTTLLY  
 KLVGHQLVET LPTVGFNVEP LKAPGHVSLT LWDVGGQAPL RASWKDYLEG  
 TDILVYVLDS TDEARLPESA AELTEVLNDP NMAGVPFLVL ANKQEAPDAL  
 PLLKIRNRLS LERFQDHCWE LRGCSALTGE GLPEALQSLW SLLKSRSCMC  
 LQARAHGAER GDSKRS.

**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.

## GENE INFORMATION

**Gene Name** [ARL11 ADP-ribosylation factor-like 11 \[ Homo sapiens \]](#)

**Official Symbol** [ARL11](#)

**Synonyms** ARL11;ADP-ribosylation factor-like 11; ARLTS1; FLJ33930; MGC17429; ADP-ribosylation factor-like protein 11; OTTHUMP00000018420; ADP-ribosylation factor-like tumor suppressor protein 1

**Gene ID** [115761](#)

**mRNA Refseq** [NM\\_138450](#)

**Protein Refseq** [NP\\_612459](#)

**MIM** [609351](#)

**UniProt ID** [Q969Q4](#)

**Chromosome Location** 13q14.2

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**Function**

GTP binding; nucleotide binding; protein binding

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