

AR50082PU-N

Human ARL15 / ARFRP2 (1-204, His-tag) - Purified

Alternate names:	ADP-ribosylation factor-like protein 15, ADP-ribosylation factor-related protein 2, ARF-related protein 2
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	ARL15, also known as ARFRP2, belongs to the ARF family. ARFs are important in eukaryotic vesicular trafficking pathways and play an essential role in the activation of phospholipase D. ARL15 variants influence levels of Acip30, an adipocyte-derived protein that is particularly heritable and inversely associated with risk of type 2 diabetes mellitus and coronary heart disease.
Uniprot ID:	Q9NXU5
NCBI:	NP_061960
GeneID:	54622
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Description:	Recombinant human ARL15 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MSDLRITEAF LYMDYLCFRA LCCKGPPPAR PEYDLVCIGL TGSGKTSLLS KLCSESPDNV VSTTGFSIKA VPFQNAILNV KELGGADNIR KYWSRYQGS QGVIFVLDSA SSEDDEAAR NELHSALQHP QLCTLPFLIL ANHQDKPAAR SVQEIKKYFE LEPLARGKRW ILQPCSLDDM DALKDSFSQL INLLEEKDHE AVR Molecular weight: 25 kDa (224aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Richards J B., et al. (2009) PLoS Genet. 5:e1000768. Gillingham A K., et al. (2007) Annu Rev Cell Dev Biol. 23:579-611.

Pictures:

