Recombinant Human ADP-Ribosylation Factor-Like 15, His-tagged

Cat. No. ARL15-6893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ARL15 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 25 kDa.
Species	Human
Source	E.coli
ProteinLength	1-204aa
Description	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 Acrp30, an adipocyte-derived protein that is particularly heritable and inversely associated with risk of type 2 diabetes mellitus and coronary heart disease.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl.
Molecular Mass	25 kDa (224aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MSDLRITEAF LY MDYLCFRA LCCKGPPPAR PEYDLVCIGL TGSGKTSLLS KLCSESPDNV VSTTGFSIKA VPFQNAILNV KELGGADNIR KYWSRYYQGS QGVIFVLDSA SSEDDLEAAR NELHSALQHP

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	QLCTLPFLIL ANHQDKPAAR SVQEIKKYFE LEPLARGKRW ILQPCSLDDM DALKDSFSQL INLLEEKDHE AVRM
Purity	>85% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4℃ short term (1-2 weeks). For long term storage, aliquot and store at -20℃ or -70℃. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	ARL15 ADP-ribosylation factor-like 15 [Homo sapiens]
Official Symbol	ARL15
Synonyms	ARL15; ADP-ribosylation factor-like 15; ADP ribosylation factor related protein 2 , ARFRP2; ADP-ribosylation factor-like protein 15; FLJ20051; ARF-related protein 2; ADP-ribosylation factor related protein 2; ADP-ribosylation factor-related protein 2; ARFRP2;
Gene ID	54622
mRNA Refseq	NM_019087
Protein Refseq	NP_061960
UniProt ID	Q9NXU5

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Chromosome Location	5p15.2
Function	GTP binding; nucleotide binding;

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