

AR39095PU-N

Human ARL5B / ARL8 (1-179, His-tag) - Purified

Alternate names:

ADP-ribosylation factor-like protein 5B, ADP-ribosylation factor-like protein 8

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

ADP-ribosylation factor-like protein 5B, also known as ARL5B, belongs to a family of proteins that are structurally similar to ADP-ribosylation factors. ARLs and ARFs are part of the RAS superfamily of regulatory GTPases. ARL5B is most closely related to ARL5, with which it shares 80% sequence identity. Human ARL5B shares 100% identity with mouse ARL8 and 71% identity with the Drosophila homolog. Two isoforms of ARL8 exist as a result of alternative splicing events

Uniprot ID:

[Q96KC2](#)

NCBI:

[NP_848930](#)

GeneID:

[221079](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 0.1M NaCl, 1mM EDTA

Description:

Recombinant human ARL5B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGLIFAKLWS LFCNQEHKVI IVGLDNAGKT TILYQFLMNE
VVHTSPTIGS NVEEIVVKNT HFLMWDIGGQ ESLRSSWNTY YSNTEFIILV VDSIDRERLA
ITKEELYRML AHEDLRKAAV LIFANKQDMK GCMTAAEISK YLTLSISKDH PWHIQSCCAL
TGEGLCQGLE WMTSRIGVR

Molecular weight: 22.5 kDa (199aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

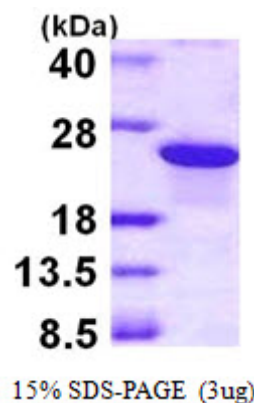
Shelf life: one year from despatch.

General Readings:

Kahn R A., et al. (2006) J Biol Chem. 172:645-650.

Swbald E., et al. (2003) Gene. 311:147-151.

Pictures:



ARL5B, 1-179 aa, Human, His-tagged

