

AR09804PU-N

Human ARF4 (1-180, His-tag) - Purified

Alternate names:

ADP-ribosylation factor 4, ARF2

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

ARF4 is a member of the ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The ARF proteins include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. They are categorized as class I, class II and class III; this gene is a class II member.

Uniprot ID:

[P18085](#)

NCBI:

[NP_001651](#)

GeneID:

[378](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

Description:

Recombinant human ARF4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMMGLTIS SLFSRLFGKK QMRILMVGLD AAGKTTILYK
LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGGQDRIRP LWKHYFQNTQ GLIFVVDSDN
RERIQEVADE LQKMLLVDEL RDAVLLLFAN KQDLPNAMAI SEMTDKLGLO SLRNRWTYVQ
ATCATQGTGL YEGLDWLSNE LSKR

Molecular weight: kDa (204aa), 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.

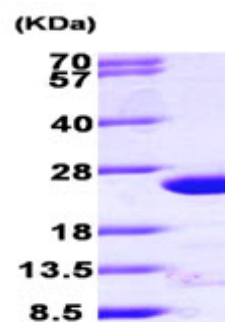
Shelf life: one year from despatch.

General Readings:

Mazellova J., et al. (2009) EMBO J. 28(3):183-92.

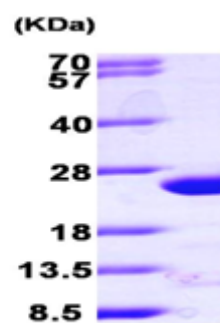
Woo IS., et al. (2009) Cancer Lett. 276(1):53-60.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human ARF4, 1-180 aa, His-tagged



15% SDS-PAGE (3ug)