

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

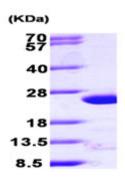
AR09804PU-L Human ARF4 (1-180, His-tag) - Purified

Alternate names:	ADP-ribosylation factor 4, ARF2
Quantity:	0.5 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:	<u>P18085</u>
NCBI:	<u>NP_001651</u>
GenelD:	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: <u>MGSSHHHHHH SSGLVPRGSH MGSH</u> MGLTIS SLFSRLFGKK QMRILMVGLD AAGKTTILYK LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGGQDRIRP LWKHYFQNTQ GLIFVVDSND RERIQEVADE LQKMLLVDEL RDAVLLLFAN KQDLPNAMAI SEMTDKLGLQ SLRNRTWYVQ 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:	Mazelova J., et al. (2009) EMBO J. 28(3):183-92. Woo IS., et al. (2009) Cancer Lett. 276(1):53-60.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

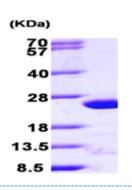
MP/20130116

Pictures:



15% SDS-PAGE (3ug)

Recombinant human ARF4, 1-180 aa, Histagged



15% SDS-PAGE (3ug)

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