

Product datasheet for TP304984M

OriGene Technologies, Inc.

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ARF4 (NM_001660) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ADP-ribosylation factor 4 (ARF4), 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC204984 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGLTISSLFSRLFGKKQMRILMVGLDAAGKTTILYKLKLGEIVTTIPTIGFNVETVEYKNICFTVWDVGG QDRIRPLWKHYFQNTQGLIFVVDSNDRERIQEVADELQKMLLVDELRDAVLLLFANKQDLPNAMAISEMT

DKLGLQSLRNRTWYVQATCATQGTGLYEGLDWLSNELSKR

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK
Predicted MW: 20.3 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 001651

Locus ID: 378 **UniProt ID:** P18085

RefSeq Size: 1758





Cytogenetics: 3p14.3

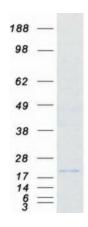
RefSeq ORF: 540 Synonyms: ARF2

Summary: This gene is a member of the human ARF gene family whose members encode small guanine

been reported for this gene. [provided by RefSeq, Jul 2008]

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 gene products include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have

Product images:



Coomassie blue staining of purified ARF4 protein (Cat# [TP304984]). The protein was produced from HEK293T cells transfected with ARF4 cDNA clone (Cat# [RC204984]) using MegaTran 2.0 (Cat# [TT210002]).