

## Product datasheet for PH304984

### ARF4 (NM\_001660) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARF4 MS Standard C13 and N15-labeled recombinant protein (NP_001651)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204984
Predicted MW:	20.5 kDa
Protein Sequence:	>RC204984 protein sequence Red=Cloning site Green=Tags(s)  MGLTISSLFSRLFGKKQMRILMVGLDAAGKTTILYKLLKGEIVTTIPTIGFNVETVEYKNICFTVWDVGG QDRIRPLWKHYFQNTQGLIFVVDSDNRERIQEVADELQKMLLVDELRDVALLLFANKQDLPNAMAISEMT DKLGLQSLRNRTWYVQATCATQGTGLYEGLDWLSNELSKR  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001651</a>
RefSeq Size:	1758
RefSeq ORF:	540
Synonyms:	ARF2
Locus ID:	378
UniProt ID:	<a href="#">P18085</a>

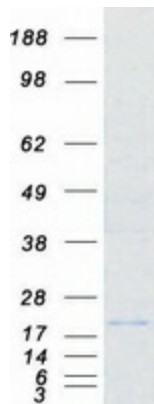


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Cytogenetics: 3p14.3

**Summary:** This gene is a member of the human 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 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 been reported for this gene. [provided by RefSeq, Jul 2008]

### 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]).