

# Recombinant Human ARF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ARF3-4840H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ARF3 MS Standard C13 and N15-labeled recombinant protein (NP_001650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	ADP-ribosylation factor 3 (ARF3) is a member of the human ARF gene family. These genes 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 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization. The ARF3 gene contains five exons and four introns.
<b>Molecular Mass</b>	20.6 kDa
<b>AA Sequence</b>	MGNIFGNLLKSLIGKKEMRILMVGLDAAGKTTILYKLLKLGIVTTIPTIGFNVETVEYKNI SFTVWDVGGQDKIRPLWRHYFQNTQGLIFVDSNDRERVNEAREELMRMLAEDEL RDAVLLVFANKQDLPNAMNAAEITDKLGLHSLRHRNWYIQATCATSGDGLYEGLDW LANQLKNKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

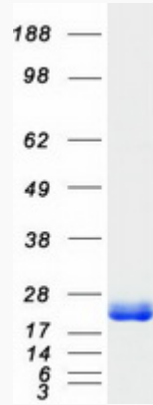
<b>Gene Name</b>	ARF3 ADP-ribosylation factor 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ARF3
<b>Synonyms</b>	ARF3; ADP-ribosylation factor 3; small GTP binding protein;
<b>Gene ID</b>	377
<b>mRNA Refseq</b>	NM_001659
<b>Protein Refseq</b>	NP_001650
<b>MIM</b>	103190
<b>UniProt ID</b>	P61204

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**SDS-PAGE**



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