

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

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

SPECIFICATION

Product Overview	ARF3 MS Standard C13 and N15-labeled recombinant protein (NP_001650) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20.6 kDa
AA Sequence	MGNIFGNLLKSLIGKKEMRILMVGLDAAGKTTILYKLLKLGEIVTTIPTIGFNVETVEYKNI SFTVWDVGGQDKIRPLWRHYFQNTQGLIFVVDSDNRERVNEAREELMRMLAEDEL RDAVLLVFANKQDLPNAMNAAEITDKLGLHSLRHRNWYIQATCATSGDGLYEGLDW LANQLKNKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

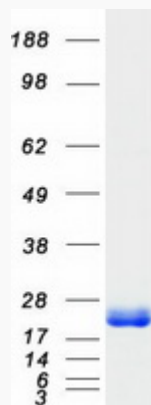
Gene Name	ARF3 ADP-ribosylation factor 3 [Homo sapiens (human)]
Official Symbol	ARF3
Synonyms	ARF3; ADP-ribosylation factor 3; small GTP binding protein;
Gene ID	377
mRNA Refseq	NM_001659
Protein Refseq	NP_001650
MIM	103190
UniProt ID	P61204

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SDS-PAGE



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