Recombinant Human ARF4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARF4-6329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARF4 MS Standard C13 and N15-labeled recombinant protein (NP_001651) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20.5 kDa
AA Sequence	MGLTISSLFSRLFGKKQMRILMVGLDAAGKTTILYKLKLGEIVTTIPTIGFNVETVEYKN ICFTVWDVGGQDRIRPLWKHYFQNTQGLIFVVDSNDRERIQEVADELQKMLLVDELR DAVLLLFANKQDLPNAMAISEMTDKLGLQSLRNRTWYVQATCATQGTGLYEGLDWL

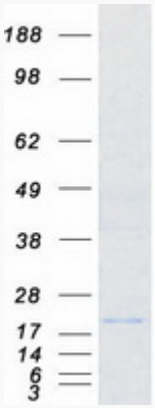
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	SNELSKRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated 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	ARF4 ADP-ribosylation factor 4 [Homo sapiens (human)]
Official Symbol	ARF4
Synonyms	ARF4; ADP-ribosylation factor 4; ADP ribosylation factor 2, ARF2; ADP-ribosylation factor 2; ARF2;
Gene ID	378
mRNA Refseq	NM_001660
Protein Refseq	NP_001651
MIM	601177
UniProt ID	P18085

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SDS-PAGE	

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