

## Product datasheet for PH304375

### ARL14 (NM\_025047) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ARL14 MS Standard C13 and N15-labeled recombinant protein (NP_079323)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204375
Predicted MW:	21.6 kDa
Protein Sequence:	>RC204375 protein sequence Red=Cloning site Green=Tags(s)  MGS LGSKNPQTKQAQVLL LGLDSAGKSTLLYK LKLA KDITTIPTIGFNVEMIE LERNFSLTVWDVGGQEK MRTVWGCYCENTDGLVYVVDSTDKQRLEESQRQFEHILKNEHIKNVPVLLANKQDMPGALTAEDITRMF KVKKLCSDRNWYVQPCCAL TGEGLAQGFRKLTGFVKSHMKSRGDTLAFFKQN  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_079323</a>
RefSeq Size:	1335
RefSeq ORF:	576
Synonyms:	ARF7
Locus ID:	80117
UniProt ID:	<a href="#">Q8N4G2</a>

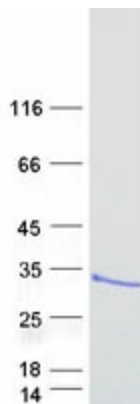


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Cytogenetics: 3q25.33

Summary: GTPase that recruits MYO1E to MHC class II-containing vesicles via the effector protein ARL14EP and hence controls the movement of these vesicles along the actin cytoskeleton in dendritic cells.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified ARL14 protein (Cat# [TP304375]). The protein was produced from HEK293T cells transfected with ARL14 cDNA clone (Cat# [RC204375]) using MegaTran 2.0 (Cat# [TT210002]).