

Product datasheet for PH310518

ARFRP1 (NM_003224) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARFRP1 MS Standard C13 and N15-labeled recombinant protein (NP_003215)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210518
Predicted MW:	22.6 kDa
Protein Sequence:	>RC210518 protein sequence Red=Cloning site Green=Tags(s) MYTLLSGLYKYMFKDEYICILILGLDNAGKTTFLEQSKTRFNKNYKMSLSKITTTVGLNIGTVDVGKAR LMFWDLGGQEELQSLWDKYAECHEGVIYVIDSTDEERLAESKQAFEKVVVTSEALCGVPVLVLANKQDVET CLSIPDIKTAFS DCTSKI GRRDCLTQACSALTGKGVREGIEWMVKCVVRNVHRPPRQRDIT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_003215
RefSeq Size:	2571
RefSeq ORF:	603
Synonyms:	ARL18; ARP; Arp1
Locus ID:	10139
UniProt ID:	Q13795 , A0A384P5U7

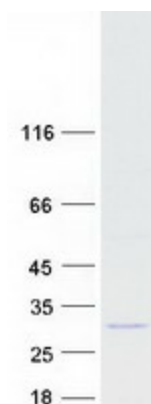


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Cytogenetics: 20q13.33

Summary: The protein encoded by this gene is a membrane-associated GTP-ase which localizes to the plasma membrane and is related to the ADP-ribosylation factor (ARF) and ARF-like (ARL) proteins. This gene plays a role in membrane trafficking between the trans-Golgi network and endosomes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2012]

Product images:



Coomassie blue staining of purified ARFRP1 protein (Cat# [TP310518]). The protein was produced from HEK293T cells transfected with ARFRP1 cDNA clone (Cat# [RC210518]) using MegaTran 2.0 (Cat# [TT210002]).