OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH310468

ANKRD2 (NM_020349) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKRD2 MS Standard C13 and N15-labeled recombinant protein (NP_065082)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210468
Predicted MW:	39.9 kDa
Protein Sequence:	>RC210468 protein sequence Red=Cloning site Green=Tags(s) MAKAPSWAGVGALAYKAPEALWPAEAVMDGTMEDSEAVQRATALIEQRLAQEEENEKLRGDARQKLPMDL LVLEDEKHHGAQSAALQKVKGQERVRKTSLDLRREIIDVGGIQNLIELRKKRKQKKRDALAASHEPPPEP EEITGPVDEETFLKAAVEGKMKVIEKFLADGGSADTCDQFRRTALHRASLEGHMEILEKLLDNGATVDFQ DRLDCTAMHWACRGGHLEVVKLLQSHGADTNVRDKLLSTPLHVAVRTGQVEIVEHFLSLGLEINARDREG DTALHDAVRLNRYKIIKLLLLHGADMMTKNLAGKTPTDLVQLWQADTRHALEHPEPGAEHNGLEGPNDSG RETPQPVPAQ 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- 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:	NP_065082
RefSeq Size:	1520
RefSeq ORF:	1080
Synonyms:	ARPP
Locus ID:	26287

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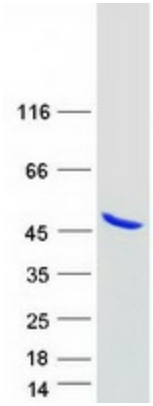
UniProt ID: Q9GZV1

Cytogenetics: 10q24.2

Summary: This gene encodes a protein that belongs to the muscle ankyrin repeat protein (MARP) family. A similar gene in rodents is a component of a muscle stress response pathway and plays a role in the stretch-response associated with slow muscle function. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]

Product images:



Coomassie blue staining of purified ANKRD2 protein (Cat# [TP310468]). The protein was produced from HEK293T cells transfected with ANKRD2 cDNA clone (Cat# [RC210468]) using MegaTran 2.0 (Cat# [TT210002]).