

Product datasheet for PH310778

Coatomer subunit delta (ARCN1) (NM_001655) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ARCN1 MS Standard C13 and N15-labeled recombinant protein (NP_001646)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210778
Predicted MW:	57.2 kDa
Protein Sequence:	>RC210778 protein sequence Red=Cloning site Green=Tags(s)

MVLLAAAVCTKAGKAIIVSRQFVEMTRTRIEGLLAAPKLMNTGKQHTFVETESVRYVYQPMEKLYMVLIT
TKNSNILEDLETLR LFSRVIPEYCRAL EENEISEHCFDLIFAFDEIVALGYRENVNLAQIRTFTEMDSHE
EKVFRVRETQEREAKAEMRRKAKELQQARRDAERQGGKAPGGFGSSAVSGGSTAAMITETIIETDKP
KVAPAPARPSGSKALKLGAKGKEVDNFVDKLGSEGETIMSSSMGKRTSEATKMHAPPINMESVHMKIEE
KITLTCGRDGG LQNMELHGMIMLRISDDKYGRIRLHVENE DKKGVQLQTHPNVDK LFTAESLIGLKNPE
KSFPVNSDVGLKWRLQTTEESFIPLTINCWPSESGNGCDVNI EYELQEDNLELNDVVIT IPLPSG V GAP
VIGEIDGEYRHDSRRNTLEWCLPVIDAKNKSLSLEFSIAGQPNDFFPVQVSFVSKKNYCNIQVTKVTQVD
GNSPVRFSTETTFLVDKYEIL

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- 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:	<u>NP_001646</u>
RefSeq Size:	4032
RefSeq ORF:	1533



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Synonyms: COPD; SRMMD

Locus ID: 372

UniProt ID: [P48444](#), [B0YIW5](#)

Cytogenetics: 11q23.3

Summary: This gene maps in a region, which include the mixed lineage leukemia and Friend leukemia virus integration 1 genes, where multiple disease-associated chromosome translocations occur. It is an intracellular protein. Archain sequences are well conserved among eukaryotes and this protein may play a fundamental role in eukaryotic cell biology. It has similarities to heat shock proteins and clathrin-associated proteins, and may be involved in vesicle structure or trafficking. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified ARCN1 protein (Cat# [TP310778]). The protein was produced from HEK293T cells transfected with ARCN1 cDNA clone (Cat# [RC210778]) using MegaTran 2.0 (Cat# [TT210002]).