

## Product datasheet for TP310778L

## OriGene Technologies, Inc.

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## Coatomer subunit delta (ARCN1) (NM 001655) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human archain 1 (ARCN1), transcript variant 1, 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC210778 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MVLLAAAVCTKAGKAIVSRQFVEMTRTRIEGLLAAFPKLMNTGKQHTFVETESVRYVYQPMEKLYMVLIT TKNSNILEDLETLRLFSRVIPEYCRALEENEISEHCFDLIFAFDEIVALGYRENVNLAQIRTFTEMDSHE EKVFRAVRETQEREAKAEMRRKAKELQQARRDAERQGKKAPGFGGFGSSAVSGGSTAAMITETIIETDKP KVAPAPARPSGPSKALKLGAKGKEVDNFVDKLKSEGETIMSSSMGKRTSEATKMHAPPINMESVHMKIEE KITLTCGRDGGLQNMELHGMIMLRISDDKYGRIRLHVENEDKKGVQLQTHPNVDKKLFTAESLIGLKNPE KSFPVNSDVGVLKWRLQTTEESFIPLTINCWPSESGNGCDVNIEYELQEDNLELNDVVITIPLPSGVGAP VIGEIDGEYRHDSRRNTLEWCLPVIDAKNKSGSLEFSIAGQPNDFFPVQVSFVSKKNYCNIQVTKVTQVD GNSPVRESTETTFI VDKYFII

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

**Predicted MW:** 57 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.





**RefSeq:** NP 001646

Locus ID: 372

UniProt ID: <u>P48444</u>, <u>B0YIW5</u>

RefSeq Size: 4032 Cytogenetics: 11q23.3

RefSeq ORF: 1533

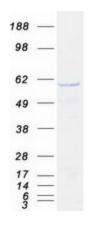
Synonyms: COPD; SRMMD

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]).