

Product datasheet for TP310778M

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, 100 µg

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 ORF:

RefSeq: NP 001646

Locus ID: 372

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

RefSeq Size: 4032 Cytogenetics: 11q23.3

Synonyms: COPD; SRMMD

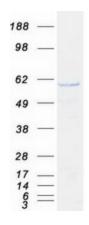
1533

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]).