

Recombinant Human ARCN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARCN1-5482H Lot. No. (See product label)

SPECIFICATION

Product Overview

ARCN1 MS Standard C13 and N15-labeled recombinant protein (NP_001646) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

57.2 kDa

AA Sequence

MVLLAAAVCTKAGKAIVSRQFVEMTRTRIEGLLAAPKLMNTGKQHTFVETESVRYV
 YQPMEKLYMVLITTKNSNILEDLETLRLLFSRVIPEYCRAL EENEISEHCFDLIFAFDEIV
 ALGYRENVNLAQIRTFTEMDSHEEKVFRAVRETQEREAKAEMRRKAKELQQARRDA
 ERQGKKAPGFGGFGSSAVSGGSTAAMITETIIETDKPKVAPAPARPSGSPKALKLGA
 KGKEVDNFVDKLGSEGETIMSSSMGKRTSEATKMHAPPINMESVHMKIEEKITLTCG
 RDGGLQNMELHGMIMLRISDDKYGRIRLHVENEDKKG VQLQTHPNVDKKLFTAESLI
 GLKNPEKSFPVNSDVGVLKWRLQTTEESFIPLTINCWPSESGNGCDVNIEYELQEDN

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LELNDVVITIPSPGVGAPVIGEIDGEYRHDSRRNTLEWCLPVIDAKNKSGSLEFSIAG
 QPNDFFPVQVSFVSKKNYCNIQVTKVTQVDGNSPVRVSTETTFLVDKYEILTRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ARCN1 archain 1 \[Homo sapiens \(human\) \]](#)


Official Symbol [ARCN1](#)

Synonyms ARCN1; archain 1; coatomer protein complex, subunit delta, COPD; coatomer subunit delta; delta-COP; delta-coat protein; coatomer delta subunit; coatomer protein delta-COP; archain vesicle transport protein 1; coatomer protein complex, subunit delta; COPD;

Gene ID [372](#)

mRNA Refseq [NM_001655](#)

Protein Refseq [NP_001646](#)

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MIM 600820

UniProt ID P48444

SDS-PAGE



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