

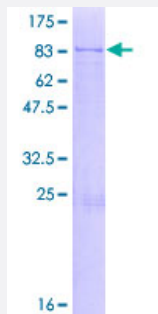
Full-Length

ARCN1 (Human) Recombinant Protein (P01)

Catalog # H00000372-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ARCN1 full-length ORF (NP_001646.2, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVLLAAAVCTKAGKAIVSRQFVEMTRTRIEGLLAAPKLMNTGKQHTFVETESVRYVYQPMKLY
MVLITTKNSNILEDLETLRIFSRIPEYCRAL ENEISEHCFDLIFAFDEIVALGYRENVNLAQIRTFTE
MDSHEEKVFRAVRETQEREAKAEMRRKAKELQQARRDAERQGKKAPGFGGFGSSAVSGGSTA
AMITETIETDKPKVAPAPARPSGPSKALKLGAKGKEVDNFVDKLKSEGETIMSSSMGKRTSEATK
MHAPPINMESVHMKIEEKITLTCGRDGG LQNMELHGMIMLRISDDKYGRIRLHVENEDKKGVQLQT
HPNVDKKLFTAESLIGLKNPEKSFPVNSDVGV LKWRLQTTEESFIPLTINCWPSESGNGCDVNIEY
ELQEDNLELNDVVITPLPSGVGAPVIGEIDGEYRHD SRRNTLEWCLPVIDAKNKSGSLEFSIAGQP
NDFFPVQVSFVSKKNYCNIQVTKVTQVDGN SPVRFSTETTFLVDKYEIL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.6

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ARCN1

Entrez GeneID	372
GeneBank Accession#	NM_001655.3
Protein Accession#	NP_001646.2
Gene Name	ARCN1
Gene Alias	COPD
Gene Description	archain 1
Omim ID	600820
Gene Ontology	Hyperlink
Gene 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 a n 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]
Other Designations	archain archain vesicle transport protein 1 coatomer delta subunit coatomer protein complex, sub unit delta coatomer protein delta-COP