

## Recombinant Mouse Arcn1 Protein, Myc/DDK-tagged

Cat. No. Arcn1-1673M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length archain 1 (Arcn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. In mammals, the coatomer can only be recruited by membranes associated to ADP-ribosylation factors (ARFs), which are small GTP-binding proteins; the complex also influences the Golgi structural integrity, as well as the processing, activity, and endocytic recycling of LDL receptors.</p>
<b>Molecular Mass</b>	57.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** *Arcn1* archain 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** *Arcn1*

**Synonyms** ARCN1; archain 1; coatomer subunit delta; delta-COP; pale coat neuro; delta-coat protein; nur17; 4632432M07Rik; MGC27546; MGC102316

**Gene ID** 213827

**mRNA Refseq** NM\_145985

**Protein Refseq** NP\_666097

**UniProt ID** Q5XJY5

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