Recombinant Mouse Arrdc1 Protein, Myc/DDK-tagged

Cat. No. Arrdc1-1729M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length arrestin domain containing 1 (Arrdc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates. Through an ubiquitination-dependent mechanism plays for instance a role in the incorporation of SLC11A2 into extracellular vesicles. More generally, plays a role in the extracellular transport of proteins between cells through the release in the extracellular space of microvesicles. By participating to the ITCH-mediated ubiquitination and subsequent degradation of NOTCH1, negatively regulates the NOTCH signaling pathway.
Molecular Mass	46.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name	Arrdc1 arrestin domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Arrdc1
Synonyms	Arrdc1; arrestin domain containing 1; AI957342; BC004091; arrestin domain-containing protein 1; alpha-arrestin 1
Gene ID	215705
mRNA Refseq	NM_001162485
Protein Refseq	NP_001155957
UniProt ID	Q99KN1

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