Recombinant Mouse Arih2 Protein, Myc/DDK-tagged

Cat. No. Arih2-1700M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ariadne RBR E3 ubiquitin protein ligase 2 (Arih2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3. Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-5-RING ubiquitin ligase complex (ECS complex, also named CRL5 complex) and initiating ubiquitination of ECS substrates: associates with ECS complex and specifically mediates addition of the first ubiquitin on ECS targets. The initial ubiquitin is then elongated. E3 ubiquitin-protein ligase activity is activated upon binding to neddylated form of the ECS complex. Mediates 'Lys-6', 'Lys-48'- and 'Lys-63'-linked polyubiquitination. May play a role in myelopoiesis.
Molecular Mass	57.7 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.

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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	Arih2 ariadne RBR E3 ubiquitin protein ligase 2 [Mus musculus (house mouse)]
Official Symbol	Arih2
Synonyms	ARIH2; ariadne homolog 2 (Drosophila); E3 ubiquitin-protein ligase ARIH2; ARI-2; ariadne 2; protein ariadne-2 homolog; ubcM4-interacting protein 48; ARI2; UIP48; TRIAD1; AI843547
Gene ID	23807
mRNA Refseq	NM_011790
Protein Refseq	NP_035920
UniProt ID	Q9Z1K6

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