

Product datasheet for **TP507887**

Arih2 (NM_011790) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ariadne RBR E3 ubiquitin protein ligase 2 (Arih2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207887 protein sequence Red =Cloning site Green =Tags(s)

MSVDMNSQGSNDEEDYDPNCEEEEEEDPGDIEDYYVGVASDVEQQGADAFDPEEYQFTCLTYKESEG
ALHEHMTSLASVLKVSHSVAKLILVNFHWQVSEILDYRSNSAQLLVEARVQPNPSKHVPTAHPHHCVA
CMQFVRKENLLSLACQHQFCRSCWEQHCSVLVKDGVGVGISCMAQDCPLRTPEDFVFPLLPNEELRDKYR
RYLFRDYVESHFQLQLCPGADCPMVIRVQEPARRRVCNRCSEVFCFKCRQMYHAPTDCATIRKWLTKCA
DDSETANYISAHTKDCPKCNICIEKNGGCNHMQCSKCKHDFCWMCLGDWKTHGSEYYECSRYKENPDIVN
QSQQAQAREALKKYLFFYFERWENHNKSLQLEAQTIERIHEKIQERVMNLTWIDWQYLQNAAKLLAKCR
YTLQYTYPAYMESGPRKKLFYQQAQLEAEIENLSWKVERADSYDRGDLENQMHIAEQRRRTLLKDFH
DT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_035920



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Locus ID: 23807

UniProt ID: [Q9Z1K6](#), [Q3TK92](#)

RefSeq Size: 3924

Cytogenetics: 9 F2

RefSeq ORF: 1479

Synonyms: AI843547; ARI2; TRIAD1; UIP48

Summary: E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3 (By similarity). 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 (By similarity). The initial ubiquitin is then elongated (By similarity). 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 (By similarity).
[UniProtKB/Swiss-Prot Function]