

Recombinant Mouse ARID5A Protein (1-590 aa), His-tagged

Cat. No. ARID5A-1820M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ARID5A Protein (1-590 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Mouse
Source	Yeast
ProteinLength	1-590 aa
Description	DNA-binding protein that may regulate transcription and act as a repressor by binding to AT-rich stretches in the promoter region of target genes.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	65.9 kDa
AA Sequence	MAAPPAKGNTQSEEGDLPQLPVSPKPDDEQSRQSPTQLQDSPEAGGEQEEEEQ AFLVSLYKFMKERHTPIERVPHLGFKQINLWKIYKAVEKLGAYELVTGRRLWKNVYD ELGGSPGSTSAATCTRRHYERLVLPHYVRHLKGEDDKPLPPTKPRKQYKMAKELRGD DGTTEKLKAKDSEERRVEQTTPGKTKSDATGQTQLPCQGSSRDSTEQLGPVSGP SPPLTGASSCPEAYKRLLSSFYCKGAHGIMSPLAKKKLLAQVSKAEALQCQEEGCR HGARSPNKDIQDSPQNLRGPAENSEHQLTPREGLQAPGGSTRMEAQVGPCPTAPM FSGCFHAYPTEVLKPVSQHPRDFFSGLKDRVLLGPPGKEEGPTTKESHLVWGGDA NHPSAFHKGSTRKRSFYPPKACWVSPMAKVPTERPGAPSPHPSSPGLGSKRGLE

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EEGFAHGGKKLRAVSPFLKEVDSKETGGKPAAPGLAVSCLLGPTPGPTPPEAYRGT
MLRCPLNFTGSADPLKGQASLPFSPLVIPAFPAHLLATTGSSPMAASLMHFPPTPYD
AVLRNRLGPASSAWHMPPVTTYAAPHFFHLNTKL

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Arid5a AT rich interactive domain 5A \(MRF1-like\) \[Mus musculus \]](#)

Official Symbol [ARID5A](#)

Synonyms ARID5A; Mrf1; D430024K22Rik; MGC36895;

Gene ID [214855](#)

mRNA Refseq [NM_001172205](#)

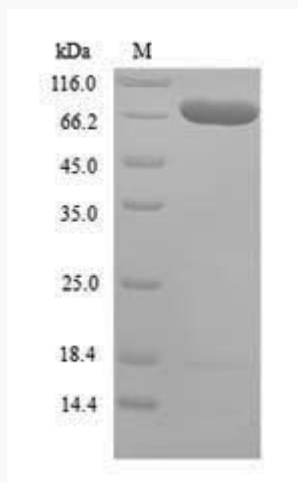
Protein Refseq [NP_001165676](#)

UniProt ID [Q3U108](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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