

Recombinant Mouse Arid3a Protein, Myc/DDK-tagged

Cat. No. Arid3a-1698M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length AT rich interactive domain 3A (BRIGHT-like) (Arid3a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcription factor involved in B-cell differentiation. Binds a VH promoter proximal site necessary for induced mu-heavy-chain transcription. Binds the minor groove of a restricted ATC sequence that is sufficient for nuclear matrix association. This sequence motif is present in matrix-associating regions (MARS) proximal to the promoter and flanking E mu. Activates E mu-driven transcription by binding these sites. May be involved in the control of cell cycle progression by the RB1/E2F1 pathway.
Molecular Mass	63.9 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 [Arid3a AT rich interactive domain 3A \(BRIGHT-like\) \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Arid3a](#)

Synonyms

ARID3A; AT rich interactive domain 3A (BRIGHT-like); AT-rich interactive domain-containing protein 3A; dead ringer homolog 1; dead ringer-like protein 1; ARID domain-containing protein 3A; B-cell regulator of IgH transcription; AT rich interactive domain 3A (Bright like); Dri1; Dril1; Bright

Gene ID [13496](#)

mRNA Refseq [NM_007880](#)

Protein Refseq [NP_031906](#)

UniProt ID [Q62431](#)

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