

AT-rich interactive domain-containing protein 1A (ARID1A) Recombinant Protein | ARID1A recombinant protein

Recombinant Human AT-rich interactive domain-containing protein 1A (ARID1A), partial

CATALOG # AAA235196	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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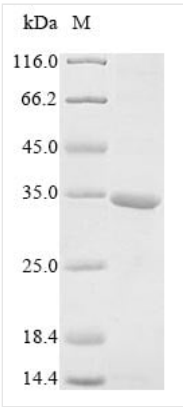
PRODUCT SYNONYMS

AT-rich interactive domain-containing protein 1A (ARID1A); Recombinant Human AT-rich interactive domain-containing protein 1A (ARID1A); partial; BRG1-associated factor 250; BRG1-associated factor 250a; Osa homolog 1; SWI-like protein; SWI/SNF complex protein p270; SWI/SNF-related; matrix-associated; actin-dependent regulator of chromatin subfamily F member 1; ARID1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1976-2231aa; partial
Sequence	SLAKRCVCVS NTIRSLSFVP GNDFEMSKHP GLLILGKLI LLHHKHPERK QAPLTYEKEE EQDQGVSCNK VEWWWDCLM LRENTLVTLA NISGQLDLSP YPESICLPVL DGLLHWAVCP SAEAQDPFST LGPNAVLSPQ RLVLETLSKL SIQDNNVDLI LATPPFSRLE KLYSTMVRFL SDRKNPVCRE MAVVLLANLA QGDSLAARAI AVQKGSIGNL LGFLEDSLAA TQFQQSQASL LHMQNPPFEP TSVDMM
Organism	Homo sapiens (Human)
Tag Information	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Production Note	Special Offer: The Baculovirus, E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus, E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus, E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus, E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ARID1A recombinant protein	Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Binds DNA non-specifically. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth
Product Categories/Family for ARID1A recombinant protein	Cancer
References	"A specificity and targeting subunit of a human SWI/SNF family-related chromatin-remodeling complex." Nie Z., Xue Y., Yang D., Zhou S., Deroo B.J., Archer T.K., Wang W.Mol. Cell. Biol. 20:8879-8888 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264565
NCBI GeneID	8289
NCBI Accession #	NP_006006.3
NCBI GenBank Nucleotide #	NM_006015.5
UniProt Accession #	O14497; Q53FK9; Q5T0W1; Q5T0W2; Q5T0W3; Q8NFD6; Q96T89; Q9BY33; Q9HBJ5; Q9UPZ1; D3DPL1
Molecular Weight	32.4 kDa
NCBI Official Full Name	AT-rich interactive domain-containing protein 1A isoform a
NCBI Official Synonym Full Names	AT-rich interaction domain 1A
NCBI Official Symbol	ARID1A
NCBI Official Synonym Symbols	ELD; B120; CSS2; OSA1; P270; hELD; BM029; MRD14; hOSA1; BAF250; C1orf4; BAF250a; SMARCF1
NCBI Protein Information	AT-rich interactive domain-containing protein 1A
UniProt Protein Name	AT-rich interactive domain-containing protein 1A
UniProt Gene Name	ARID1A

UniProt Synonym Gene Names

BAF250; BAF250A; C1orf4; OSA1; SMARCF1; ARID domain-containing protein 1A; BAF250; BAF250A; hOSA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/arid1a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/235196>