

Recombinant Human ARID3A

Cat. No. ARID3A-28375TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human DRIL1 with N terminal proprietary tag; Predicted MW 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA binding proteins. It was found by homology to the Drosophila dead ringer gene, which is important for normal embryogenesis. Other ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation, and possibly in chromatin structure modification.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Widely expressed, with highest expression in skeletal muscle, thalamus, and colon.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	QYMKYLYPYECEKRGLSNPNELQAAIDSNRREGRRQSFSGSLFAYSPGGAHGMLS SPKLPVSSLGLAASTNGSSITPAPKIKKEEDSAIPITVPGRLPVS
Sequence Similarities	Contains 1 ARID domain.Contains 1 REKLES domain.

GENE INFORMATION

Gene Name	ARID3A AT rich interactive domain 3A (BRIGHT-like) [Homo sapiens]
Official Symbol	ARID3A
Synonyms	ARID3A; AT rich interactive domain 3A (BRIGHT-like); AT rich interactive domain 3A (BRIGHT like) , dead ringer like 1 (Drosophila) , DRIL1; AT-rich interactive domain-containing protein 3A; BRIGHT;
Gene ID	1820
mRNA Refseq	NM_005224
Protein Refseq	NP_005215
MIM	603265
Uniprot ID	Q99856
Chromosome Location	19p13.3

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Pathway

Direct p53 effectors, organism-specific biosystem;

Function

DNA binding; protein homodimerization activity; sequence-specific DNA binding transcription factor activity;

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