

# Recombinant Human ARID1A protein, His&Myc-tagged

**Cat. No.** ARID1A-2201H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ARID1A protein(O14497)(1976-2231aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1976-2231aa                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                            |
| <b>Molecular Mass</b>   | 32.4 kDa                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | SLAKRCVCVSNITIRSLSFVPGNDFEMSKHPGLLLILGKLILLHHKHPERKQAPLTYEK<br>EEEQDQGVSCNKVEWWDCLEMLRENTLVTLANISGQLDLSPYPESICLPVLDGLL<br>HWAVCPSAEAQDPFSTLGPNAVLSQRQLVLETLSKLSIQDNNVDLILATPPFSRLEKL<br>YSTMVRFLSDRKNPVCREMAVVLLANLAQGDSLAARAIAVQKGSIGNLLGFLEDSLA<br>ATQFQQSQASLLHMQNPPFEPTSVDMM |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated                                                                                                                                                                                             |

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freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** [ARID1A AT rich interactive domain 1A \(SWI-like\) \[ Homo sapiens \]](#)

**Official Symbol** [ARID1A](#)

#### Synonyms

ARID1A; AT rich interactive domain 1A (SWI-like); AT rich interactive domain 1A (SWI like) , C1orf4, SMARCF1, SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily f, member 1; AT-rich interactive domain-containing protein 1A; B120; BAF250; BAF250a; C1orf4; P270; osa homolog 1; SWI-like protein; brain protein 120; OSA1 nuclear protein; BRG1-associated factor 250a; SWI/SNF complex protein p270; chromatin remodeling factor p250; ARID domain-containing protein 1A; SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin subfamily F member 1; ELD; OSA1; hELD; BM029; hOSA1; C1orf4; SMARCF1;

**Gene ID** [8289](#)

**mRNA Refseq** [NM\\_006015](#)

**Protein Refseq** [NP\\_006006](#)

**MIM** [603024](#)

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**UniProt ID**

O14497

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