

Recombinant Human ARID4A protein, GST-tagged

Cat. No. ARID4A-797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARID4A partial ORF (NP_002883, 1033 a.a. - 1139 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described. [provided by RefSeq, Jul 2008]
Molecular Mass	37.51 kDa
AA Sequence	AEESQEGLCERESANGFETNVASGTCESIIVQERESREKGGQKRPSDGNSGLMAKKQK RTPKRTSAAAKNEKNGTGQSSDSEDLPVLDNSSKCTPVKHLNVSKPQKLAR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ARID4A AT rich interactive domain 4A (RBP1-like) [Homo sapiens]

Official Symbol ARID4A

Synonyms

ARID4A; AT rich interactive domain 4A (RBP1-like); RBBP1, retinoblastoma binding protein 1; AT-rich interactive domain-containing protein 4A; RBP 1; RBP1; retinoblastoma binding protein 1; retinoblastoma-binding protein 1; ARID domain-containing protein 4A; RBBP1; RBP-1; RBBP-1;

Gene ID 5926

mRNA Refseq NM_002892

Protein Refseq NP_002883

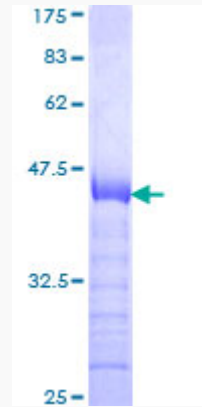
MIM 180201

UniProt ID P29374

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12.5% SDS-PAGE Stained with Coomassie Blue.

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