

Recombinant Human ARID5B protein, GST-tagged

Cat. No. ARID5B-798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARID5B partial ORF (XP_084482, 1483 a.a. - 1582 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the AT-rich interaction domain (ARID) family of DNA binding proteins. The encoded protein forms a histone H3K9Me2 demethylase complex with PHD finger protein 2 and regulates the transcription of target genes involved in adipogenesis and liver development. This gene also plays a role in cell growth and differentiation of B-lymphocyte progenitors, and single nucleotide polymorphisms in this gene are associated with acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]
Molecular Mass	36.74 kDa
AA Sequence	SGLNSRLPAGYSHSLQYLKNQTVLSPLMQPLAFHSLVMQRGIFTSPTNSQQLYRHL AAATPVGSSYGDLLHNSIYPLAAINPQAAFSSQLSSVHPSTKL
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 ARID5B AT rich interactive domain 5B (MRF1-like) [Homo sapiens]

Official Symbol ARID5B

Synonyms ARID5B; AT rich interactive domain 5B (MRF1-like); AT-rich interactive domain-containing protein 5B; FLJ21150; MRF2; MRF1-like protein; ARID domain-containing protein 5B; modulator recognition factor 2 (MRF2); DESRT; MRF-2; FLJ41888;

Gene ID 84159

mRNA Refseq NM_001244638

Protein Refseq NP_001231567

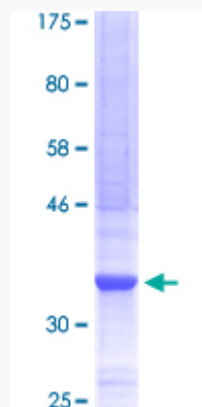
MIM 608538

UniProt ID Q14865

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12.5% SDS-PAGE Stained with Coomassie Blue

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