

Recombinant Human JARID2

Cat. No. JARID2-27632TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1130-1229 of Human Jarid2 with a proprietary tag at N-terminal predicted MWt 37 kDa
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene is an ortholog of the mouse jumonji gene, which encodes a nuclear protein essential for mouse embryogenesis, including neural tube formation. Overexpression of mouse jumonji negatively regulates cell proliferation. The jumonji proteins contain a DNA-binding domain, called an AT-rich interaction domain (ARID), and share regions of similarity with human retinoblastoma-binding protein-2 and the human SMCX protein.
Molecular Weight	37.000kDa
Tissue specificity	During embryogenesis, predominantly expressed in neurons and particularly in dorsal root ganglion cells.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LQLETSEERRCQICQHLCYLSMVVQENENVVFCLECALRHVEKQKSCRGLKLMYRYD EEQIISLVNQICGKVSNGKNGSIENCLSKPTPKRGPRKRATVDVP
Sequence Similarities	Contains 1 ARID domain. Contains 1 JmjC domain. Contains 1 JmjN domain.

GENE INFORMATION

Gene Name	JARID2 jumonji, AT rich interactive domain 2 [Homo sapiens]
Official Symbol	JARID2
Synonyms	JARID2; jumonji, AT rich interactive domain 2; JMJ, jumonji (mouse) homolog , Jumonji, AT rich interactive domain 2; protein Jumonji;
Gene ID	3720
mRNA Refseq	NM_004973
Protein Refseq	NP_004964
MIM	601594
Uniprot ID	Q92833
Chromosome Location	6p24-p23

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Function

DNA binding; chromatin binding; NOT histone demethylase activity;

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