JAZF1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	JAZF1, Blocking Peptide
Full Product Name	JAZF1 Blocking Peptide
Product Gene Name	JAZF1 blocking peptide
Product Synonym Names	JAZF zinc finger 1; JAZF1; JAZF1_HUMAN; Juxtaposed with another zinc finger protein 1; TAK1 interacting protein 27; TAK1-interacting protein 27; TIP27; Zinc finger protein 802; ZNF802
Antibody/Peptide Pairs	JAZF1 peptide (MBS9633466) is used for blocking the activity of JAZF1 antibody (MBS9631083)
Molecular Weight	25,739 Da
OMIM	606246
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for JAZF1 blocking peptide	MBS9633466 is a blocking peptide targeting JAZF1.
Other Notes	Small volumes of JAZF1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for JAZF1. It may not necessarily be applicable to this product.

NCBI GI #	91822911
NCBI GeneID	221895
NCBI Accession #	NP_778231.2
UniProt Primary Accession #	Q86VZ6
UniProt Secondary Accession #	Q8N3L7; A4D195
UniProt Related Accession #	Q86VZ6
GenBank Nucleotide #	NM_175061.3
NCBI Official Full Name	juxtaposed with another zinc finger protein 1
NCBI Official Synonym Full Names	JAZF zinc finger 1
NCBI Official Symbol	JAZF1
NCBI Official Synonym Symbols	TIP27; ZNF802
UniProt Protein Name	Juxtaposed with another zinc finger protein 1
UniProt Synonym Protein Names	TAK1-interacting protein 27; Zinc finger protein 802
Protein Family	Juxtaposed with another zinc finger protein
UniProt Gene Name	JAZF1

UniProt Synonym Gene Names	TIP27; ZNF802
UniProt Entry Name	JAZF1_HUMAN
NCBI Protein Information	juxtaposed with another zinc finger protein 1; TAK1-interacting protein 27; juxtaposed with another zinc finger gene 1; zinc finger protein 802
NCBI Summary for JAZF1	This gene encodes a nuclear protein with three C2H2-type zinc fingers, and functions as a transcriptional repressor. Chromosomal aberrations involving this gene are associated with endometrial stromal tumors. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized [provided by RefSeq, Jul 2008]
UniProt Comments for JAZF1	JAZF1: Potential transcription factor. A chromosomal aberration involving JAZF1 may be a cause of endometrial stromal tumors. Translocation t(7;17)(p15;q21) with SUZ12. The translocation generates the JAZF1-SUZ12 oncogene consisting of the N-terminus part of JAZF1 and the C-terminus part of SUZ12. It is frequently found in all cases of endometrial stromal tumors, except in endometrial stromal sarcomas, where it is rarer. 2 isoforms of the human protein are produced by alternative splicing. Protein type: C2H2-type zinc finger protein; Oncoprotein; Nuclear receptor co-regulator; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 7p15.2-p15.1 Cellular Component: transcriptional repressor complex; nucleus Molecular Function: nucleic acid binding; metal ion binding; transcription corepressor activity Biological Process: transcription, DNA-dependent; negative regulation of transcription from RNA polymerase II promoter
Research Articles on JAZF1	**1.** In African American men, the association between JAZF1 rs10486567 and prostate cancer may be modified by exposure to heavy metals such as Pb.
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