

ZNF146 (zinc finger protein 146)

Identity

Other names	OZF
Hugo	ZNF146
Location	19q13.1

Protein

Description	33 kDa; a kruppel zinc finger protein consisting of 10 zinc finger motives, preceded by 10 amino acids and followed by 2 amino acids
Expression	in most proliferating tissues
Localisation	nucleus
Function	repress gene expression through a consensus motive

Implicated in

Disease	tumors of the exocrine pancreas
Cytogenetics	amplification of the 19q13.1 region in a subset of pancreatic tumors

External links

	Nomenclature
Hugo	ZNF146
GDB	ZNF146
Entrez_Gene	ZNF146_7705 zinc finger protein 146
	Cards
Atlas	OZFID267
GeneCards	ZNF146
Ensembl	ZNF146
Genatlas	ZNF146
GeneLynx	ZNF146
eGenome	ZNF146
euGene	7705

Genomic and cartography

GoldenPath	ZNF146 - 19q13.1 chr19:41411488-41421506 + 19q13.12 (hg18-Mar_2006)
Ensembl	ZNF146 - 19q13.12 [CytoView]
NCBI	Genes Cyto Gene Seq [Map View - NCBI]
OMIM	Disease map [OMIM]

[HomoloGene](#) [ZNF146](#)

Gene and transcription

Genbank	BC005154 [ENTREZ]
Genbank	BC065568 [ENTREZ]
Genbank	BC110500 [ENTREZ]
Genbank	BC110501 [ENTREZ]
Genbank	X70394 [ENTREZ]
RefSeq	NM_007145 [SRS] NM_007145 [ENTREZ]
AceView	ZNF146 AceView - NCBI
TRASER	ZNF146 Traser - Stanford
Unigene	Hs.301819 [SRS] Hs.301819 [NCBI] HS301819 [spliceNest]

Protein : pattern, domain, 3D structure

SwissProt	Q15072 [SRS] Q15072 [EXPASY] Q15072 [INTERPRO]
Prosite	PS00028 ZINC FINGER C2H2 1 [SRS] PS00028 ZINC FINGER C2H2 1 [Expasy]
Prosite	PS50157 ZINC FINGER C2H2 2 [SRS] PS50157 ZINC FINGER C2H2 2 [Expasy]
Interpro	IPR007087 Znf_C2H2 [SRS] IPR007087 Znf_C2H2 [EBI]
Interpro	IPR007086 Znf_C2H2_sub [SRS] IPR007086 Znf_C2H2_sub [EBI]
CluSTr	Q15072
Pfam	PF00096 zf-C2H2 [SRS] PF00096 zf-C2H2 [Sanger] pfam00096 [NCBI-CDD]
Smart	SM00355 ZnF_C2H2 [EMBL]
Prodom	PD000003 Znf_C2H2 [INRA-Toulouse]
Prodom	Q15072 OZF_HUMAN [Domain structure] Q15072 OZF_HUMAN [sequences sharing at least 1 domain]
Blocks	Q15072

Protein Interaction databases

DIP	Q15072
IntAct	Q15072

Polymorphism : SNP, mutations, diseases

OMIM	601505 [map]
GENECLINICS	601505
SNP	ZNF146 [dbSNP-NCBI]
SNP	NM_007145 [SNP-NCI]
SNP	ZNF146 [GeneSNPs - Utah] ZNF146 [HGBASE - SRS] ZNF146 [SNP - HAPMAP]

General knowledge

Family Browser	ZNF146 [UCSC Family Browser]
SOURCE	NM_007145
SMD	Hs.301819
SAGE	Hs.301819
Amigo	DNA binding
Amigo	nucleus
Amigo	regulation of transcription, DNA-dependent
Amigo	heparin binding
Amigo	zinc ion binding
Amigo	metal ion binding
PubGene	ZNF146

Other databases

Probes

Probe	ZNF146 Related clones (RZPD - Berlin)
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PubMed

PubMed	8 Pubmed reference(s) in LocusLink
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Bibliography

The OZF gene encodes a protein consisting essentially of zinc finger motifs.

Le Chalony C, Prospéri MT, Haluza R, Apiou F, Dutrillaux B, Goubin G.

J Mo. Biol 1994; 236: 399-404.

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Contributor(s)

Written 10-
2000 Gérard.Goubin

Citation

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URL : <http://AtlasGeneticsOncology.org/Genes/OZFID267.html>

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