ZNF197 Blocking Peptide

PRODUCT OVERVIEW

Product Name	ZNF197, Blocking Peptide
Full Product Name	ZNF197 Peptide
Product Gene Name	ZNF197 blocking peptide
Product Synonym Gene Name	P18; VHLaK; ZNF20; ZNF166; ZKSCAN9; D3S1363E
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	ZNF197 peptide (MBS3229295) is used for blocking the activity of ZNF197 antibody (MBS3204328)
Molecular Weight	29kDa
Product Categories/Family for ZNF197 blocking peptide	Peptide
Applications Tested/Suitable for ZNF197 blocking peptide	Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for ZNF197 blocking peptide	This is a synthetic peptide designed for use in combination with anti-ZNF197 antibody made Target Description: ZNF197 belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The protein contains 20 tandemly arrayed C2H2-type zinc fingers, a Kruppel-associated box (KRAB) domain, and a SCAN box. This transcript turns over rapidly and contains 3' UTR AUUUA motifs, which are often a hallmark of rapid turnover. It is overexpressed in some thyroid papillary carcinomas.This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein contains 20 tandemly arrayed C2H2-type zinc fingers, a Kruppel-associated box (KRAB) domain, and a SCAN box. This transcript turns over rapidly and contains 3' UTR AUUUA motifs, which are often a hallmark of rapid turnover. It is overexpressed in some thyroid papillary carcinomas. This gene is located in a cluster of zinc finger genes at 3p21. Two alternatively spliced transcripts encoding different isoforms have been described.
Other Notes	Small volumes of ZNF197 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.
Searchable Terms for ZNF197 purchase	MBS3229295 is a blocking peptide targeting ZNF197. Also known as ZNF197 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF197. It may not necessarily be applicable to this product.

NCBI GI #	68800230
NCBI GeneID	10168
NCBI Accession #	NP_001020026
UniProt Primary Accession #	Q86VG0
UniProt Related Accession #	O14709
GenBank Nucleotide #	NM_001024855
NCBI Official Full Name	zinc finger protein 197 isoform 2

NCBI Official Synonym Full Names	zinc finger protein 197
NCBI Official Symbol	ZNF197
NCBI Official Synonym Symbols	P18; VHLaK; ZNF20; ZNF166; ZKSCAN9; ZSCAN41; D3S1363E
Protein Family	Zinc finger protein
NCBI Protein Information	zinc finger protein 197
NCBI Summary for ZNF197	This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein contains 20 tandemly arrayed C2H2-type zinc fingers, a Kruppel-associated box (KRAB) domain, and a SCAN box. This transcript turns over rapidly and contains 3' UTR AUUUA motifs, which are often a hallmark of rapid turnover. It is overexpressed in some thyroid papillary carcinomas. This gene is located in a cluster of zinc finger genes at 3p21. Naturally-occurring readthrough transcription is observed between this gene and the upstream zinc finger protein 660 gene and is represented by GeneID:110354863. [provided by RefSeq, May 2017]
Research Articles on ZNF197	**1.** a novel pVHL-interacting protein that functions as a negative regulator of hypoxia-inducible factor-1a (HIF-1alpha) transactivation; demonstrate that the KRAB-A domain in VHLaK mediates pVHL binding and functions as a transcriptional repression module
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