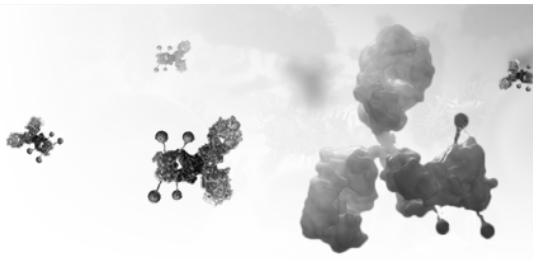

GNPDA2 blocking peptide (CDBP5490)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an allosteric enzyme that catalyzes the reversible reaction converting D-glucosamine-6-phosphate into D-fructose-6-phosphate and ammonium. Variations of this gene have been reported to be associated with influencing body mass index and susceptibility to obesity. A pseudogene of this gene is located on chromosome 9. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GNPDA2 glucosamine-6-phosphate deaminase 2 [Homo sapiens (human)]
Official Symbol	GNPDA2
Synonyms	GNPDA2; glucosamine-6-phosphate deaminase 2; GNP2; SB52; glucosamine-6-phosphate isomerase 2; glcN6P deaminase 2; glucosamine-6-phosphate isomerase SB52
Entrez Gene ID	132789

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mRNA Refseq	NM_001270880
Protein Refseq	NP_001257809
UniProt ID	Q8TDQ7
Pathway	Amino sugar and nucleotide sugar metabolism; N-acetylglucosamine degradation I; N-acetylglucosamine degradation II; UDP-N-acetyl-D-galactosamine biosynthesis II
Function	glucosamine-6-phosphate deaminase activity; hydrolase activity

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