



GNPDA1 blocking peptide (CDBP5489)

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

PRODUCT INFORMATION

Antigen Description	Glucosamine-6-phosphate deaminase (EC 3.5.99.6) is an allosteric enzyme that catalyzes the reversible conversion of D-glucosamine-6-phosphate into D-fructose-6-phosphate and ammonium (Arreola et al., 2003 [PubMed 12965206]).[supplied by OMIM, Jan 2010]
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	GNPDA1 glucosamine-6-phosphate deaminase 1 [Homo sapiens (human)]
Official Symbol	GNPDA1
Synonyms	GNPDA1; glucosamine-6-phosphate deaminase 1; GPI; HLN; GNP1; GNPI; GNPDA; glucosamine-6-phosphate isomerase 1; GNPDA 1; oscillin; glcN6P deaminase 1
Entrez Gene ID	10007
mRNA Refseq	NM_005471
Protein Refseq	NP_005462

UniProt ID	P46926
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