



UNG blocking peptide (CDBP6408)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes one of several uracil-DNA glycosylases. One important function of uracil-DNA glycosylases is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. Alternative promoter usage and splicing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. The UNG2 term was used as a previous symbol for the CCNO gene (GeneID 10309), which has been confused with this gene, in the literature and some databases. [provided by RefSeq, Nov 2010]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	UNG uracil-DNA glycosylase [Homo sapiens (human)]
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Official Symbol	UNG
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Synonyms	UNG; uracil-DNA glycosylase; DGU; UDG; UNG1; UNG2; HIGM4; HIGM5; UNG15; uracil-DNA glycosylase 1, uracil-DNA glycosylase 2
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Entrez Gene ID	7374
mRNA Refseq	NM_003362
Protein Refseq	NP_003353
UniProt ID	P13051
Pathway	Base excision repair; Primary immunodeficiency
Function	uracil DNA N-glycosylase activity