



DNASE2 blocking peptide (CDBP5387)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the DNase family. The protein, located in the lysosome, hydrolyzes DNA under acidic conditions and mediates the breakdown of DNA during erythropoiesis and apoptosis. Two codominant alleles have been characterized, DNASE2*L (low activity) and DNASE2*H (high activity), that differ at one nucleotide in the promoter region. The DNASE2*H allele is represented in this record. [provided by RefSeq, Jul 2008]
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	DNASE2 deoxyribonuclease II, lysosomal [Homo sapiens (human)]
Official Symbol	DNASE2
Synonyms	DNASE2; deoxyribonuclease II, lysosomal; DNL; DNL2; DNASE2A; deoxyribonuclease-2-alpha; R31240_2; acid DNase; DNase II alpha; lysosomal DNase II; DNase II, lysosomal; deoxyribonuclease II alpha
Entrez Gene ID	1777

mRNA Refseq	NM_001375
Protein Refseq	NP_001366
UniProt ID	O00115
Pathway	Clathrin derived vesicle budding; Lysosome; Lysosome Vesicle Biogenesis; Membrane Trafficking; trans-Golgi Network Vesicle Budding
Function	DNA binding; deoxyribonuclease II activity
