



# Human DNASE2 blocking peptide (CDBP1030)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	DNase II ( C - term ) peptide ( human )
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Concentration</b>	0.2 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS with 0.1% BSA 0.02% sodium azide pH7.2
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Upon Receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DNASE2 deoxyribonuclease II, lysosomal [ Homo sapiens ]</a>
<b>Official Symbol</b>	DNASE2
<b>Synonyms</b>	DNASE2; deoxyribonuclease II, lysosomal; DNL, DNL2; deoxyribonuclease-2-alpha;

R31240\_2; acid DNase; DNase II alpha; lysosomal DNase II; DNase II, lysosomal;  
deoxyribonuclease II alpha; DNL; DNL2; DNASE2A;

Entrez Gene ID	<a href="#">1777</a>
mRNA Refseq	<a href="#">NM_001375</a>
Protein Refseq	<a href="#">NP_001366</a>
UniProt ID	O00115
Chromosome Location	19p13.2-q13.2
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	DNA binding; deoxyribonuclease II activity; endodeoxyribonuclease activity; hydrolase activity;