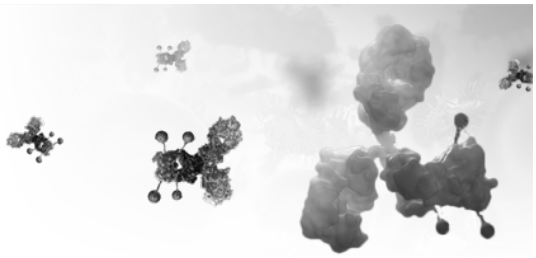

# Human SETDB2 blocking peptide (CDBP0826)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-CLLD8/SETDB2 antibody |
| **Antigen Description** | Proteins that contain a SET domain, such as SETDB2, modulate gene expression epigenetically through histone H3 (see MIM 601128) methylation. SETDB2 is likely a histone H3 methyltransferase, as it contains both the active site and flanking cysteine residues required for catalytic activity (Zhang et al., 2003 [PubMed 12754510]).[supplied by OMIM, Mar 2008] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | Apuri, BL, ELISA |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | SETDB2 SET domain, bifurcated 2 [ Homo sapiens ] |
| **Official Symbol** | SETDB2 |
| **Synonyms** | SETDB2; SET domain, bifurcated 2; C13orf4, chromosome 13 open reading frame 4; histone-lysine N-methyltransferase SETDB2; CLLD8; CLLL8; KMT1F; lysine N-methyltransferase 1F; chronic lymphocytic leukemia deletion region 8; chronic lymphocytic leukemia deletion region gene 8 protein; C13orf4; DKFZp586I0123; DKFZp761J1217; |

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|---|---|
| **Entrez Gene ID** | 83852 |
| **mRNA Refseq** | NM_001160308 |
| **Protein Refseq** | NP_001153780 |
| **UniProt ID** | Q96T68 |
| **Chromosome Location** | 13q14 |
| **Pathway** | Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; |
| **Function** | DNA binding; histone methyltransferase activity (H3-K9 specific); metal ion binding; methyltransferase activity; transferase activity; zinc ion binding; |

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