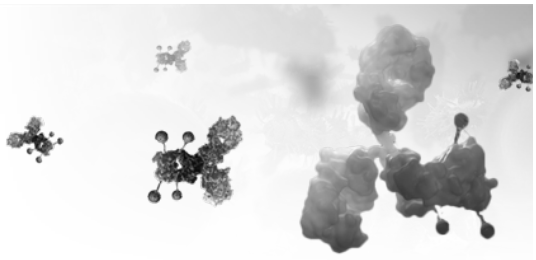

# Human KAT5 blocking peptide (DAG-P1700)

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

## PRODUCT INFORMATION

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|---|---|
| **Antigen Description** | The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008] |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Sequence Similarities** | Belongs to the MYST (SAS/MOZ) family.Contains 1 C2HC-type zinc finger. |
| **Format** | Liquid |
| **Preservative** | None |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | KAT5 K(lysine) acetyltransferase 5 [ Homo sapiens (human) ] |
| **Official Symbol** | KAT5 |
| **Synonyms** | KAT5; K(lysine) acetyltransferase 5; TIP; ESA1; PLIP; TIP60; cPLA2; HTATIP; ZC2HC5; HTATIP1; histone acetyltransferase KAT5; K-acetyltransferase 5; cPLA2 interacting protein; cPLA(2)-interacting protein; 60 kDa Tat-interactive protein; Tat interacting protein, 60kDa; histone acetyltransferase HTATIP; HIV-1 Tat interactive protein, 60kDa; |

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|---|---|
| **Entrez Gene ID** | 10524 |
| **mRNA Refseq** | NM_001206833.1 |
| **Protein Refseq** | NP_001193762.1 |
| **UniProt ID** | Q92993 |
| **Chromosome Location** | 11q13 |
| **Pathway** | ATF-2 transcription factor network, organism-specific biosystem; Androgen receptor signaling pathway, organism-specific biosystem; C-MYC pathway, organism-specific biosystem; Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; HATs acetylate histones, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; IL-9 Signaling Pathway, organism-specific biosystem; Regulation of Androge |
| **Function** | androgen receptor binding; histone acetyltransferase activity; contributes_to histone acetyltransferase activity; histone acetyltransferase activity; metal ion binding; protein binding; protein complex binding; repressing transcription factor binding; tra |

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