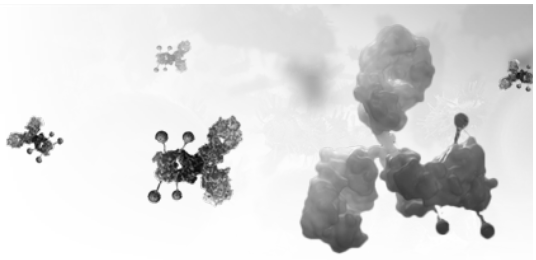

# Human SART3 blocking peptide (CDBP2606)

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

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-SART3 antibody |
| **Antigen Description** | Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer of proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Va of the human mitochondrial respiratory chain enzyme. A pseudogene COX5AP1 has been found in chromosome 14q22. [provided by RefSeq, Jul 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** | SART3 squamous cell carcinoma antigen recognized by T cells 3 [ Homo sapiens ] |
| **Official Symbol** | SART3 |

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| **Synonyms** | SART3; squamous cell carcinoma antigen recognized; squamous cell carcinoma antigen recognised by T cells 3; squamous cell carcinoma antigen recognized by T-cells 3; KIAA0156; RP11 13G14; SART-3; hSART-3; tat-interacting protein of 110 kDa; P100; p110; DSAP1; TIP110; p110(nrb); RP11-13G14; MGC138188; |
| **Entrez Gene ID** | 9733 |
| **mRNA Refseq** | NM_014706 |
| **Protein Refseq** | NP_055521 |
| **UniProt ID** | Q15020 |
| **Chromosome Location** | 12q24.11 |
| **Function** | RNA binding; nucleotide binding; protein binding; |

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