



# Human AARSD1 blocking peptide (CDBP0252)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-AARSD1 antibody
<b>Antigen Description</b>	AARSD1 (alanyl-tRNA synthetase domain containing 1) is a protein-coding gene. Diseases associated with AARSD1 include ovarian cancer. GO annotations related to this gene include alanine-tRNA ligase activity and molecular_function. An important paralog of this gene is PTGES3. Functions in trans to edit the amino acid moiety from incorrectly charged tRNA(Ala) (By similarity).
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AARSD1 alanyl-tRNA synthetase domain containing 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	AARSD1
<b>Synonyms</b>	AARSD1; alanyl-tRNA synthetase domain containing 1; alanyl-tRNA editing protein Aarsd1; MGC2744; alanyl-tRNA synthetase domain-containing protein 1;
<b>Entrez Gene ID</b>	<a href="#">80755</a>

<b>mRNA Refseq</b>	<a href="#">NM_001136042</a>
<b>Protein Refseq</b>	<a href="#">NP_001129514</a>
<b>UniProt ID</b>	Q9BTE6
<b>Chromosome Location</b>	17q21.31
<b>Function</b>	ATP binding; alanine-tRNA ligase activity; ligase activity, forming aminoacyl-tRNA and related compounds; metal ion binding; nucleic acid binding; nucleotide binding;