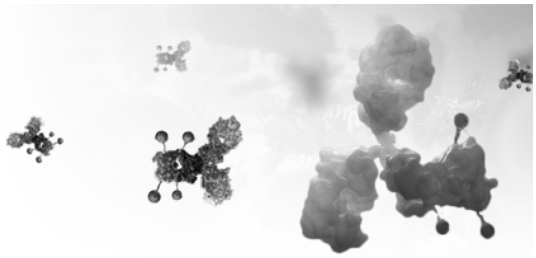

Human RARS blocking peptide (CDBP2480)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RARS antibody
Antigen Description	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family. [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

Gene Name	RARS arginyl-tRNA synthetase [Homo sapiens]
Official Symbol	RARS
Synonyms	RARS; arginyl-tRNA synthetase; arginine--tRNA ligase, cytoplasmic; arginine tRNA ligase 1; cytoplasmic; DALRD1; arginine tRNA ligase 1, cytoplasmic; arginyl-tRNA synthetase, cytoplasmic; ArgRS; MGC8641;

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Entrez Gene ID	5917
mRNA Refseq	NM_002887
Protein Refseq	NP_002878
UniProt ID	P54136
Chromosome Location	5q35.1
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, conserved biosystem; Cytosolic tRNA aminoacylation, organism-specific biosystem; Gene Expression, organism-specific biosystem; tRNA Aminoacylation, organism-specific biosystem;
Function	ATP binding; arginine binding; arginine-tRNA ligase activity; ligase activity; nucleotide binding; protein binding; tRNA binding;

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