Recombinant Rat Rars, His-tagged

Cat. No. Rars-3623R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Arginine--tRNA ligase, cytoplasmic (Rars)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	660
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Rars recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Rars arginyl-tRNA synthetase [Rattus norvegicus]
Official Symbol	Rars
Synonyms	RARS; arginyl-tRNA synthetase; arginine--tRNA ligase, cytoplasmic; argRS; arginyl-tRNA synthetase, cytoplasmic;
Gene ID	287191
mRNA Refseq	NM_001105777
Protein Refseq	NP_001099247
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
Function	ATP binding; arginine binding; arginine-tRNA ligase activity; ligase activity; nucleotide binding; tRNA binding;

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