

## Recombinant Rat Rars, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Arginine--tRNA ligase, cytoplasmic (Rars)
<b>Species</b>	Rat
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	660
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

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

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