

## QARS1 抗原（重组蛋白）

中文名称：QARS1 抗原（重组蛋白）

英文名称：QARS1 Antigen (Recombinant Protein)

别名：glutaminyl-tRNA synthetase 1; QARS; GLNRS; MSCCA; PRO2195

储存：冷冻（-20℃）

相关类别：抗原

### 概述

Fusion protein corresponding to a region derived from 576-775 amino acids of human QARS1

### 技术规格

<b>Full name:</b>	glutaminyl-tRNA synthetase 1
<b>Synonyms:</b>	QARS; GLNRS; MSCCA; PRO2195
<b>Swissprot:</b>	P47897
<b>Gene Accession:</b>	BC016634
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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. In metazoans, 9 aminoacyl-tRNA synthetases specific for glutamine (gln), glutamic acid (glu), and 7 other amino acids are associated within a multienzyme complex. Although present in eukaryotes, glutaminyl-tRNA synthetase (QARS) is absent from many prokaryotes, mitochondria, and chloroplasts, in which Gln-tRNA(Gln) is formed by transamidation of the misacylated Glu-tRNA(Gln). Glutaminyl-tRNA synthetase belongs to the clas

s-I aminoacyl-tRNA synthetase family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]