

## WARS2 抗原（重组蛋白）

中文名称： WARS2 抗原（重组蛋白）

英文名称： WARS2 Antigen (Recombinant Protein)

别名： tryptophanyl tRNA synthetase 2, mitochondrial; TrpRS

相关类别： 抗原

储存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to a region derived from 19-360 amino acids of human WARS2

### 技术规格

<b>Full name:</b>	tryptophanyl tRNA synthetase 2, mitochondrial
<b>Synonyms:</b>	TrpRS
<b>Swissprot:</b>	Q9UGM6
<b>Gene Accession:</b>	BC044575
<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 A 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. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. This gene encodes the mito

chondrial tryptophanyl-tRNA synthetase. Two alternative transcripts encoding different isoforms have been described.