

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

Full name:	tryptophanyl tRNA synthetase 2, mitochondrial
Synonyms:	TrpRS
Swissprot:	Q9UGM6
Gene Accession:	BC044575
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. This gene encodes the mitochondrial tryptophanyl-tRNA synthetase. Two alternative transcripts encoding different isoforms have been described.

