Recombinant Human WARS, GST-tagged

Cat. No. WARS-3698H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WARS protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-368aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	WARS tryptophanyl-tRNA synthetase [Homo sapiens]
Official Symbol	WARS
Synonyms	WARS; tryptophanyl-tRNA synthetase; IFI53; tryptophan--tRNA ligase, cytoplasmic; IFP53; tryptophan tRNA ligase 1; cytoplasmic; hWRS; trpRS; interferon-induced protein 53; tryptophan tRNA ligase 1, cytoplasmic; GAMMA-2;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	7453
mRNA Refseq	NM_004184
Protein Refseq	NP_004175
MIM	191050
UniProt ID	P23381
Chromosome Location	14q32.2
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; aminoacyl-tRNA ligase activity; ligase activity; nucleotide binding; protein binding; tryptophan-tRNA ligase activity; tryptophan-tRNA ligase activity;

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