

Recombinant Human WARS protein, His-tagged

Cat. No. WARS-283H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WARS protein(P23381-1) (Pro2-Gln471) was expressed in Insect Cells, fused with a polyhistide tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-471 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human WARS consists of 487 amino acids and has a calculated molecular mass of 55.2 kDa. The recombinant protein migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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;

Gene ID 7453

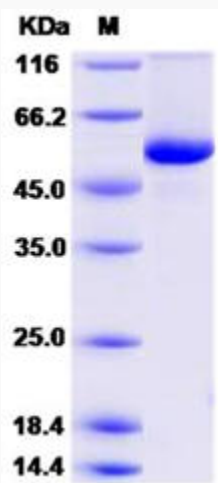
mRNA Refseq NM_004184

Protein Refseq NP_004175

MIM 191050

UniProt ID P23381

SDS-PAGE



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