

## Recombinant Human VARS2, His-tagged

Cat. No. VARS2-3648H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VARS2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-349aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	VARS2 valyl-tRNA synthetase 2, mitochondrial [ Homo sapiens ]
<b>Official Symbol</b>	VARS2
<b>Synonyms</b>	VARS2; valyl-tRNA synthetase 2, mitochondrial; G7a; VARSL; VARS2L; valine--tRNA ligase, mitochondrial; valRS; valyl-tRNA synthetase like; valyl-tRNA synthetase, mitochondrial; valine tRNA ligase 2, mitochondrial (putative); valyl-tRNA synthetase 2, mitochondrial (putative); DKFZP434L1435; KIAA1885; valine tRNA ligase 2,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	mitochondrial; EC 6.1.1.9; EC 6.1.1
<b>Gene ID</b>	<a href="#">57176</a>
<b>mRNA Refseq</b>	<a href="#">NM_001167733</a>
<b>Protein Refseq</b>	<a href="#">NP_001161205</a>
<b>MIM</b>	<a href="#">612802</a>
<b>UniProt ID</b>	<a href="#">Q5ST30</a>
<b>Chromosome Location</b>	6p21.33
<b>Pathway</b>	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem
<b>Function</b>	ATP binding; aminoacyl-tRNA editing activity; valine-tRNA ligase activity

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