

Recombinant Human VARS2, His-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	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,
Official Symbol	VARSL
Synonyms	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,

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

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