Recombinant Human VARS2 protein, His-tagged

Cat. No. VARS2-6843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VARS2 protein(168-516 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	168-516 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	TDALRFTLCSHGVQAGDLHLSVSEVQSCRHFCNKIWNALRFILNALGEKFVPQPAEE LSPSSPMDAWILSRLALAAQECERGFLTRELSLVTHALHHFWLHNLCDVYLEAVKPV LWHSPRPLGPPQVLFSCADLGLRLLAPLMPFLAEELWQRLPPRPGCPPAPSISVAPY PSACSLEHWRQPELERRFSRVQEVVQVLRALRATYQLTKARPRVLLQSSEPGDQG LFEAFLEPLGTLGYCGAVGLLPPGAAAPSGWAQAPLSDTAQVYMELQGLVDPQIQL PLLAARRYKLQKQLDSLTARTPSEGEAGTQRQQKLSSLQLELSKLDKAASHLQQLM DEPPAPGSPEL

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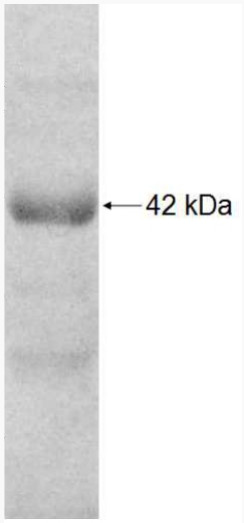
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	VARS2
Synonyms	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, 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

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SDS-PAGE



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