

## Recombinant Human VARS Protein, MYC/DDK-tagged

Cat. No. VARS-121H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human VARS protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex. [provided by RefSeq, Jul 2008]
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	140.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">valyl-tRNA synthetase [ Homo sapiens ]</a>
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<b>Official Symbol</b>	<a href="#">VARs</a>
<b>Synonyms</b>	G7A; VARs1; VARs2
<b>Gene ID</b>	<a href="#">7407</a>
<b>mRNA Refseq</b>	<a href="#">NM_006295.2</a>
<b>Protein Refseq</b>	<a href="#">NP_006286.1</a>
<b>MIM</b>	<a href="#">192150</a>
<b>UniProt ID</b>	<a href="#">P26640</a>

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