

Recombinant Human VARS, His-tagged

Cat. No. VARS-3647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VARS protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	916-1264aa
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	VARs valyl-tRNA synthetase [Homo sapiens]
Official Symbol	VARs
Synonyms	VARs; valyl-tRNA synthetase; valyl tRNA synthetase 2 , VARs2; valine--tRNA ligase; valine tRNA ligase 1; cytoplasmic; valRS; protein G7a; valyl-tRNA synthetase 2; valine tRNA ligase 1, cytoplasmic; G7A; VARs1; VARs2;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Gene ID	7407
mRNA Refseq	NM_006295
Protein Refseq	NP_006286
MIM	192150
UniProt ID	P26640
Chromosome Location	6p21.3
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, conserved biosystem; Cytosolic tRNA
Function	ATP binding; ligase activity; nucleotide binding; valine-tRNA ligase activity; valine-tRNA ligase activity;