

## Recombinant Mouse Vars protein, His & T7-tagged

**Cat. No.** Vars-8222M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vars aa. (Asn186~Glu421 (Accession # Q9Z1Q9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn186~Glu421
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 30.7kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

[Vars valyl-tRNA synthetase \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Vars](#)

**Synonyms**

Vars; valyl-tRNA synthetase; G7a; Bat6; Vars2; D17H6S56E; valine--tRNA ligase; protein G7a; valRS

**Gene ID**

[22321](#)

**mRNA Refseq**

[NM\\_011690.3](#)

**Protein Refseq**

[NP\\_035820.3](#)

**UniProt ID**

[Q9Z1Q9](#)

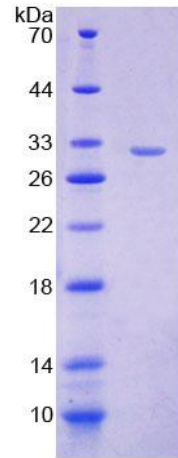
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SDS-PAGE



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