

## Recombinant Human FARSA Protein, His-tagged

Cat. No. FARSA-1460H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FARSA Protein (Ala2-Ala283) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2-Ala283
<b>Description</b>	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. This gene encodes a product which is similar to the catalytic subunit of prokaryotic and <i>Saccharomyces cerevisiae</i> phenylalanyl-tRNA synthetases (PheRS). This gene product has been shown to be expressed in a tumor-selective and cell cycle stage- and differentiation-dependent manner, the first member of the tRNA synthetase gene family shown to exhibit this type of regulated expression
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 35.4 kDa Accurate Molecular Mass: 35 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">FARSA phenylalanyl-tRNA synthetase, alpha subunit [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">FARSA</a>
<b>Synonyms</b>	FARSA; phenylalanyl-tRNA synthetase, alpha subunit; FARSL, FARSLA, phenylalanine tRNA synthetase like, phenylalanyl tRNA synthetase like, alpha subunit; phenylalanine--tRNA ligase alpha subunit; CML33; phenylalanine tRNA ligase 1; alpha; cytoplasmic; pheRS; phenylalanine--tRNA ligase alpha chain; phenylalanyl-tRNA synthetase alpha chain; phenylalanine-tRNA synthetase alpha-subunit; phenylalanine tRNA ligase 1, alpha, cytoplasmic; phenylalanyl-tRNA synthetase-like, alpha subunit; phenylalanine-tRNA synthetase-like, alpha subunit; FRSA; FARSL; PheHA; FARSLA;
<b>Gene ID</b>	<a href="#">2193</a>
<b>mRNA Refseq</b>	<a href="#">NM_004461</a>

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**Protein Refseq** NP\_004452

**MIM** 602918

**UniProt ID** Q9Y285

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