

# Recombinant Human FARSA Protein (2-508 aa), His-SUMO-tagged

Cat. No. FARSA-1170H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Human FARSA Protein (2-508 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.

**Species** Human

**Source** E.coli

**ProteinLength** 2-508 aa

**Form** Tris-based buffer,50% glycerol

**Molecular Mass** 73.4 kDa

**AA Sequence**

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ADGQVAELLLRRLEASDGGGLDSAELAAELGMEHQAVVGAVKSLQALGEVIEAELRST
KHWELTAEGEEIAREGSHEARVFRSIPPEGLAQSELMRLPSGKVGFSKAMSNKWIR
VDKSAADGPRVFRVVDSMEDEVQRRQLVIRGGQAEKLGEEKERSELKRKLLAEVT
LKTYWVSKGSASFSTSISKQETELSPEMISSGSWRDRPFKPYNFLAHGVLPDSGHLH
PLLKVR SQFRQIFLEMGFTEMPPTDNFIESSFWNFDALFQPQQHPARDQHDTFFLRD
PAEALQLPMDYVQRVKRTHSQGGYGSQGYKYNWKLDEARKNLLRTHHTTSASARAL
YRLAQKKPFTPVKYFSIDRVFRNETLDATHLAEFHQIEGVVADHGLTLGHLMGVLRE
FFTKLGITQLRFKPAYNPYTEPSMEVFSYHQGLKKWVEVGNVSGVFRPEMLLPMGLP
ENVSVIAWGLSLERPTMIKYGINNIRELVGHKVNLMVYDSPLCRLDAEPRPPPTQE
AA
    
```

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

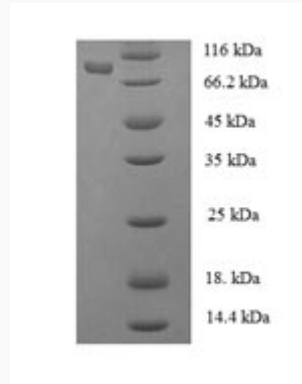
## GENE INFORMATION

<b>Gene Name</b>	FARSA phenylalanyl-tRNA synthetase, alpha subunit [ Homo sapiens ]
<b>Official Symbol</b>	FARSA
<b>Synonyms</b>	FARSA; CML33; alpha; cytoplasmic; pheRS; FRSA; FARSL; PheHA; FARSLA;
<b>Gene ID</b>	2193
<b>mRNA Refseq</b>	NM_004461
<b>Protein Refseq</b>	NP_004452
<b>MIM</b>	602918
<b>UniProt ID</b>	Q9Y285

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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