Phenylalanine--tRNA ligase alpha subunit Recombinant Protein | FARSA recombinant protein

Recombinant Human Phenylalanine--tRNA ligase alpha subunit

CATALOG #	HOST
AAA117456	**E Coli or Yeast or Baculovirus or Mammalian Cell**

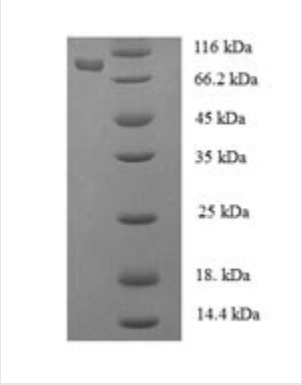
PRODUCT SYNONYMS

Phenylalanine--tRNA ligase alpha subunit; Recombinant Human Phenylalanine--tRNA ligase alpha subunit; CML33; Phenylalanyl-tRNA synthetase alpha subunit; PheRS; FARSA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-508aa; Full Length of Mature Protein
Sequence	ADGQVAELLL RRLEASDGGL DSAELAAELG MEHQAVVGAV KSLQALGEVI EAELRSTKHW ELTAEGEEIA REGSHEARVF RSIPPEGLAQ SELMRLPSGK VGFSKAMSNK WIRVDKSAAD GPRVFRVVDS MEDEVQRRLQ LVRGGQAEKL GEKERSELRK RKLLAEVTLK TYWVSKGSAF STSISKQETE LSPEMISSGS WRDRPFKPYN FLAHGVLPDS GHLHPLLKVR SQFRQIFLEM GFTEMPTDNF IESSFWNFDA LFQPQQHPAR DQHDTFFLRD PAEALQLPMD YVQRVKRTHS QGGYGSQGYK YNWKLDEARK NLLRTHTTSA SARALYRLAQ KKPFTPVKYF SIDRVFRNET LDATHLAEFH QIEGVVADHG LTLGHLMGVL REFFTKLGIT QLRFKPAYNP YTEPSMEVFS YHQGLKKWVE VGNSGVFRPE MLLPMGLPEN VSVIAWGLSL ERPTMIKYGI NNIRELVGHK VNLQMVYDSP LCRLDAEPRP PPTQEAA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FARSA recombinant protein	Metabolism

References	Expression of a gene encoding a tRNA synthetase-like protein is enhanced in tumorigenic human myeloid leukemia cells and is cell cycle stage- and differentiation-dependent.Sen S., Zhou H., Ripmaster T., Hittelman W.N., Schimmel P., White R.A.Proc. Natl. Acad. Sci. U.S.A. 94:6164-6169(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758340
NCBI GeneID	2193
NCBI Accession #	NP_004452.1
NCBI GenBank Nucleotide #	NM_004461.2
UniProt Accession #	Q9Y285; Q9NSD8; Q9Y4W8; B4E363
Molecular Weight	73.4 kDa
NCBI Official Full Name	phenylalanine--tRNA ligase alpha subunit
NCBI Official Synonym Full Names	phenylalanyl-tRNA synthetase alpha subunit
NCBI Official Symbol	FARSA
NCBI Official Synonym Symbols	FRSA; CML33; FARSL; PheHA; FARSLA
NCBI Protein Information	phenylalanine--tRNA ligase alpha subunit
UniProt Protein Name	Phenylalanine--tRNA ligase alpha subunit
UniProt Gene Name	**FARSA**
UniProt Synonym Gene Names	FARS; FARSL; FARSLA; PheRS
UniProt Entry Name	SYFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/farsa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117456