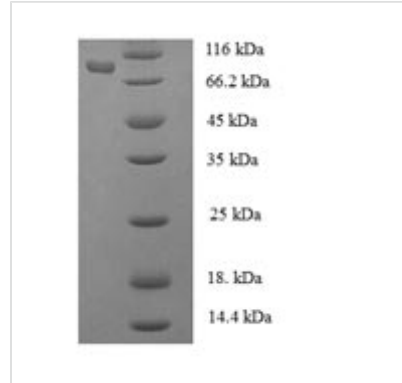




Recombinant Human Phenylalanine--tRNA ligase alpha subunit (FARSA)

Product Code	CSB-EP897084HU
Abbreviation	Recombinant Human FARSA protein
Storage	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y285
Alias	CML33;Phenylalanyl-tRNA synthetase alpha subunit ;PheRS
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ADGQVAELLRRLEASDGGGLDSAELAAELGMEHQAVVGAVKSLQALGEVIEAE LRSTKHWELTAEGEEIAREGSHEARVFRSIPPEGLAQSELMRLPSGKVGFSKA MSNKWIRVDKSAADGPRVFRVVDSEMEDEVQRRLLQLVRGGQAEKLGKERSE LRKRKLLAEVTLKTYWVSKGSASFSTSISKQETELSPEMISSGSWRDRPFKPYN FLAHGVLDPDSGHLHPLLKVR SQFRQIFLEMGFTEMPPTDNFISSFWNFDALFQ PQQHPARDQHDTFFLRDPAEALQLPMDYVQRVKRTHSQGGYGSQGYKYNW KLDEARKNLLRTHHTTSASARALYRLAQKKPFTPVKYFSIDRVFRNETLDATHLA EFHQIEGVVADHGLTLGHLMGVLRFFTKLGITQLRFKPAYNPYTEPSMEVFSY HQGLKKWVEVGNVFRPEMLLPMLPENVSIVAWGLSLERPTMIKYGINNIR ELVGHKVNLQMVYDSPLCRLDAEPRPPPTQEA
Research Area	Metabolism
Source	E.coli
Target Names	FARSA
Expression Region	2-508aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	73.4kDa
Protein Length	Full Length of Mature Protein

Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.