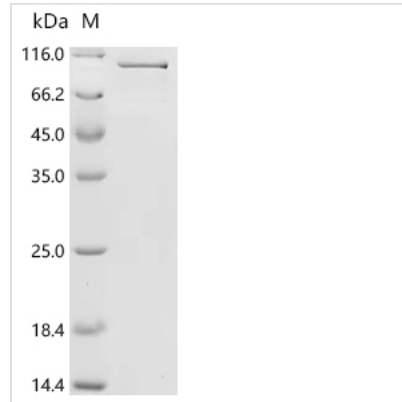




# Recombinant Human Alanine--tRNA ligase, mitochondrial (AARS2)

<b>Product Code</b>	CSB-EP711453HU(A4)
<b>Abbreviation</b>	Recombinant Human AARS2 protein
<b>Uniprot No.</b>	Q5JTZ9
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% as determined by SDS-PAGE.
<b>Sequence</b>	GLSHRPLSSEPPAAKASAVRAAFLNFFRDRHGHRLVPSASVRPRGDPSSLFVN AGMNQFKPIFLGTVDPRSEMAGFRRVANSQKCVRAGGHHNDLEDVGRDLSH HTFFEMLGNWAFGGGEYFKEEACNMAWELLTQVYGIPEERLWISYFDGDPKAG LDPDLETRDIWLSLGVPASRVLSFGPQENFWEMGDTGPCGPCTEIHYDLAGG VGAPQLVELWNLVFMQHNREADGSLQPLPQRHVDTGMGLERLVAVLQGKHS TYDSDLFSPLLNAIQQGCRAAPPYLGRVGVADDEGRTDTAYRVVADHIRTLSVCIS DGIFPGMSGPPLVLRRLRRAVRFSSMEILKAPPGFLGSLVPVVVETLGDAYPEL QRNSAQIANLVSEDEAAFLASLERGRRIIDRTLRTLGPSDMFPAEVAWSLSLCG DLGLPLDMVELMLEEKGVQLDSAGLERLAQEEAQHRARQAEPVQKQGLWLD VHALGELQRQGVPTDDSPKYNYSRPSGSYEFGTCEAQVLQLYTEDGTAVA SVGKGQRCGLLLDRTNFYAEQGGQASDRGYLVRAGQEDVLFVVARAQVCGG FILHEAVAPECLRLGDQVQLHVDEAWRLGCMAKHTATHLLNWALRQTLGPQT EQQGSHLNPEQLRLDVTTQTPLTPEQLRAVENTVQEAVGQDEAVYMEEVPLA LTAQVPGLRSLDEVYPDPVRRVSVGVVVAHALDPASQAALQTSVELCCGTHLL RTGAVGDLVIIGDRQLSKGTTRLLAVTGEQAQQARELGQSLAQEVKAATERLS LGSRDVAEALRLSKDIGRLIEAVETAVMPQWQRRELLATVKMLQRRANTAIRKL QMGQAAKKTQELLERHSKGPLIVDTVSAESLSVLVKKVVRQLCEQAPSTSVLLL SPQPMGKVLACQVAQGAMPTFTAEEAWALAVCSHMGGKAWGSRVVAQGTG STTDLEAALSIAQTYALSQ
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Expression Region</b>	24-985aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged
<b>Mol. Weight</b>	110.8 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



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

### 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.