

Product datasheet

Recombinant Human DARS protein ab124568

[1 Image](#)

Description

Product name	Recombinant Human DARS protein
Purity	> 85 % SDS-PAGE. ab124568 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P14868</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMPSASASRKSQEKPREI MDAAEDYAKERYG ISSMIQSQEKPDRVLRVRDLTIQKADEVVWVRARVHTSR AKGKQCFLVL RQQQFNVQALVAVGDHASKQMVKFAANINKESMDVEGV VRKVNQKIGSC TQQDVELHVQKIYISLAEPRLPLQLDDAVRPEAEGEEEG RATVNQDTRL DNRVIDLRTSTSQAVFRLQSGICHLFRETLINKGFVEIQTPKII SAASEG GANVFTVSYFKNNAYLAQSPQLYQMCICADFEKVFSIGP VFRAEDSNTH RHLTEFVGLDIEMAFNYHYHEVMEEIADTMVQIFKGLQERF QTEIQTVNK QFPCEPFKLEPTLRLEYCEALAMLREAGVEMGDEDDL TPNEKLLGHLV KEYYDTDFYILDKYPLAVRPFYTMPDPRNPKQSNSYDMFM RGEEILSGAQ RIHDPQLLTERALHHGIDLEKIKAYDSFRFGAPPHAGGGIG LERVTMLF LGLHNVRQTSMFPRDPKRLTP
Predicted molecular weight	59 kDa including tags
Amino acids	1 to 501
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab124568** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

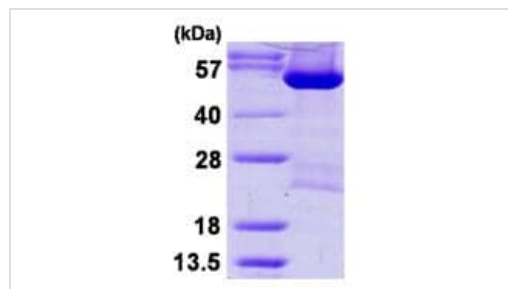
General Info

Function Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA.

Sequence similarities Belongs to the class-II aminoacyl-tRNA synthetase family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of 3 µg ab124568.

SDS-PAGE - Recombinant Human DARS protein
(ab124568)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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