

Product datasheet

Recombinant Human RARS protein ab114873

[1 Image](#)

Description

Product name	Recombinant Human RARS protein
Expression system	Wheat germ
Accession	<u>P54136</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence	MDVLVSECSARLLQQEEEIKSLTAEIDRLKNCGLGASPN LEQLQEENLK LKYRLNLRKSLQAERNKPTKNMINIISRLQEVFGHAIKAAYP DLENPPL LVTPSQQAKFGDYQCNSAMGISQMLKTKEQKVNPREIAE NITKHLPDNEC IEKVEIAGPGFINVHLRKDFVSEQLTSLLVNGVQLPALGEN KKVIVDFSS PNAKEMHVGHLRSTIIGESISRLFEFAGYDVLRLNHVGDW GTQFGMLIA HLQDKFPDYLTVPPIGDLQVFYKESKKRFDTEEEFKKRA YQCVLLQGK NPDITKAWKLICDVSRELNKIYDALDVSLIERGESFYQDR MNDIVKEFE DRGFVQVDDGRKIVFVPGCSIPLTVKSDGGYTYDTSDLAA IKQRLFEEK ADMIIYVDNGQSVHFQTIFAAAQMGWYDPKVTRV FHAGF GVVLGEDKK KFKTRSGETVRLMDLLGEGLKRSM DKLKEKERDKVLTAE ELNAAQTSVAY GCIKYADLSHNRLNDYIFSFDKMLDDRGNTAAYLLYAFTRIR SIARLANI DEEMLQKAARETKILLDHEKEWKLGR CILRFPEILQKILDDL FLHTLCDY YELATAFTEFYDSCYCV EKDRQTGKILKVN MWRMLLCEA VAAVMAKGF D ILGIKPVQRM
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Predicted molecular weight	99 kDa including tags
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Specifications

Our **Abpromise guarantee** covers the use of **ab114873** in the following tested applications.

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

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	This product was previously labelled as Arginyl tRNA synthetase.

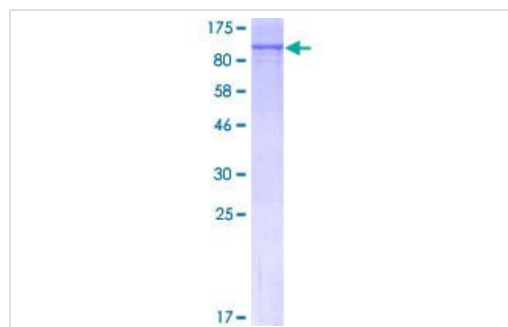
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Forms part of a macromolecular complex that catalyzes the attachment of specific amino acids to cognate tRNAs during protein synthesis. Modulates the secretion of AIMP1 and may be involved in generation of the inflammatory cytokine EMAP2 from AIMP1.
Sequence similarities	Belongs to the class-I aminoacyl-tRNA synthetase family.
Domain	The N-terminus (AA 1-72) has two regions predicted to be alpha-helical that might be involved in the multisynthetase complex assembly.
Cellular localization	Cytoplasm.

Images



12.5% SDS-PAGE showing ab114873 at approximately 98.71kDa.
Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human RARS protein
(ab114873)

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

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- Replacement or refund for products not performing as stated on the datasheet
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