

Product datasheet

Recombinant Human FARS2 protein ab105613

1 Image

Description

Product name	Recombinant Human FARS2 protein	
Purity	> 90 % SDS-PAGE. Purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	O95363	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMPAAECATQRAPGSVVEL LGKSYPQDDHSN LTRKVLTRVGRNLHNQQHHPLWLIKERVKEHFYKQYVGRF GTPLFVSYDN LSPVVTTWQNFDSLLIPADHPSRKKGDNYLNRTHMLRAH TSAHQWDLLH AGLDAFLVVGDVYRRDQIDSQHYPHFHQLAVRLFSKHEL FAGIKDGESL QLFEQSSRSAHKQETHMEAVKLVEFDLKQTLTRLMAHL FGDELEIRWVD CYFPFTHPSFEMEINFHGEWLEVLGCGVMEQQLVNSAGA QDRIGWAFGLG LERLAMILYDIPDIRLFWCEDERFLKQFCVSNINQKVKFQP LSKYPAVIN DISFWLPSENYAENDFYDLVRTIGGDLVEKVDLIDKFVHPK THKTSHCYR ITYRHMERTLSQREVRHIIHQALQEAAVQLLGVEGRF	
Predicted molecular weight	51 kDa including tags	
Amino acids	37 to 451	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab105613** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

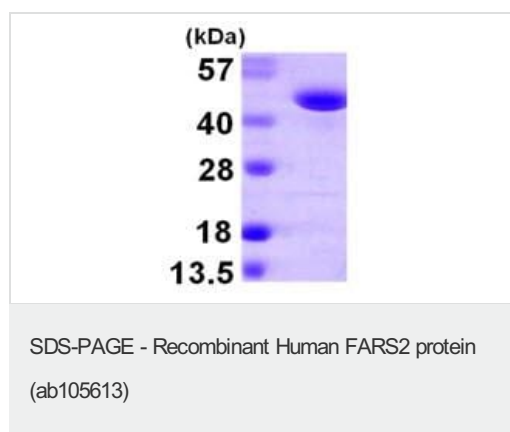
Preparation and Storage

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: 0.0154% DTT, 0.316% Tris HCl, 0.0292% EDTA, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	Catalyzes direct attachment of p-Tyr (Tyr) to tRNAPhe. Permits also, with a lower efficiency, the attachment of m-Tyr to tRNAPhe, thereby opening the way for delivery of the misacylated tRNA to the ribosome and incorporation of ROS-damaged amino acid into proteins.
Sequence similarities	Belongs to the class-II aminoacyl-tRNA synthetase family. Contains 1 FDX-ACB domain.
Cellular localization	Mitochondrion matrix.

Images



15% SDS PAGE analysis of ab105613 (3 µg)

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