

Recombinant Human MTHFS protein ab104635

1 Image

Description

Product name	Recombinant Human MTHFS protein
Purity	> 95 % SDS-PAGE. ab104635 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P49914</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMAAAAVSSAKRSLRGEL KQRLRAMSAEERL RQSRVLSQKVIAHSEYQKSKRISIFLSMQDEIETEEIHKDIFQ RGKICFI PRYRFQSNHMDMVRIESPEEISLLPKTSWNIPQPGEGDVR EEALSTGGLD LIFMPGLGFDKHGNRLGRGKGYDAYLKRCLQHQEVKPYT LALAFKEQIC LQVPVNENDMKVDEVLYEDSSTA
Predicted molecular weight	25 kDa including tags
Amino acids	1 to 203
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab104635** 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.077% DTT, 0.316% Tris HCl, 30% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

General Info

Function

Contributes to tetrahydrofolate metabolism. Helps regulate carbon flow through the folate-dependent one-carbon metabolic network that supplies carbon for the biosynthesis of purines, thymidine and amino acids. Catalyzes the irreversible conversion of 5-formyltetrahydrofolate (5-FTHF) to yield 5,10-methenyltetrahydrofolate.

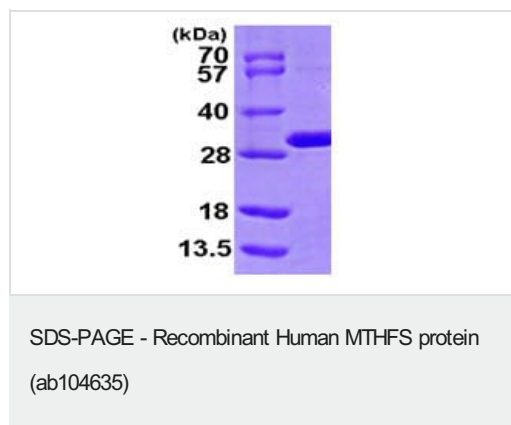
Sequence similarities

Belongs to the 5-formyltetrahydrofolate cyclo-ligase family.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE analysis of 3µg ab104635.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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