

Product datasheet

Recombinant Human Dihydrofolate reductase (DHFR) protein
ab104018

画像数 1

製品の概要

製品名	Recombinant Human Dihydrofolate reductase (DHFR) protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [P00374](#)

生物種 Human

配列 **MGSSHHHHHH S SGLVPRGSH MVRPLNCIVA**
 VSQNMGIGKN GDLWPPLRN EFKYFQRMTT
 TSSVEGKQNL VIMGRKTWFS IPEKNRPLKD
 RINIVLSREL KEPPRGHFL AKSLDDALRL
 IEQPELASKV DMVWIVGGSS VYQEAMNQP
 HLRLFVTRIM QEFESDTFFP EIDLKGYKLL
 PEYPGVLSEV QEEKGIKYKF EVYEKKD

分子量 24 kDa including tags

領域 1 to 187

タグ His tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab104018** in the following tested applications.

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

アプリケーション	Mass Spectrometry SDS-PAGE
質量分析	MALDI-TOF
精製度	> 95 % SDS-PAGE.

製品の状態

Liquid

前処理および保存

保存方法および安定性

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.

Preservative: None

Constituents: 10% Glycerol, 20mM Tris HCl, 2mM DTT, 100mM Sodium chloride, pH 8

関連情報

機能

Key enzyme in folate metabolism. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis.

パスウェイ

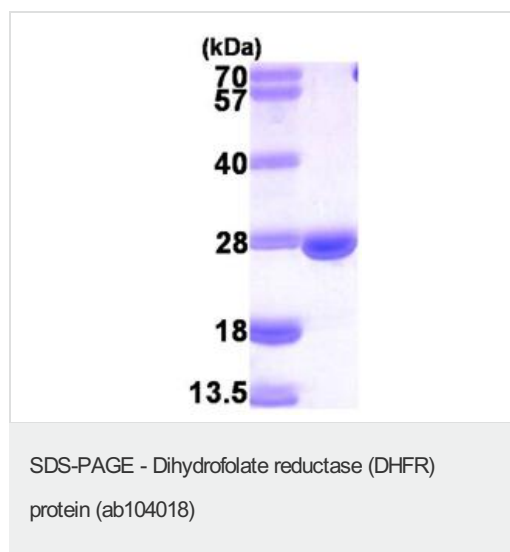
Cofactor biosynthesis; tetrahydrofolate biosynthesis; 5,6,7,8-tetrahydrofolate from 7,8-dihydrofolate: step 1/1.

配列類似性

Belongs to the dihydrofolate reductase family.

Contains 1 DHFR (dihydrofolate reductase) domain.

画像



15% SDS-PAGE analysis of ab104018 (3 µg).

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