

Recombinant Human BHMT protein ab51280

画像数 1

製品の詳細

製品名	Recombinant Human BHMT protein
精製度	> 95 % SDS-PAGE. This protein was purified by using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	Q93088
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHPMP VGGKKAKKGI LERLNAGEIV IGDGGFVFAL EKRGYVKAGP WTPEAAVEHP EAVRQLHREF LRAGSNVMQT FTFYASEDKL ENRGNYVLEK ISGQEVNEAA CDIARQVADE GDALVAGGVS QTPSYLSCKS ETEVKKVFLQ QLEVFMKKNV DFLIAEYFEH VEEAVWAVET LIASGKPVAA TMCIGPEGDL HGVPPGECAV RLVKAGASII GVNCHFDPTI SLKTVKLMKE GLEAARLKAH LMSQPLAYHT PDCNKQGFID LPEFPFGLP RVATRWDIQQ YAREAYNLGV RYIGGCCGFE PYHIRAIAEE LAPERGFLPP ASEKHGSWGS GLDMHTKPWV RARARKEYWE NLRIASGRPY NPSMSKPDGW GVTKGTAELM QQKEATTEQQ LKELFEKQKF KSQ
予測される分子量	49 kDa including tags
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab51280** 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 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.242% Tris, 20% Glycerol (glycerin, glycerine)

関連情報**機能**

Involved in the regulation of homocysteine metabolism. Converts betaine and homocysteine to dimethylglycine and methionine, respectively. This reaction is also required for the irreversible oxidation of choline.

組織特異性

Found exclusively in liver and kidney.

パスウェイ

Amine and polyamine degradation; betaine degradation; sarcosine from betaine: step 1/2. Amino-acid biosynthesis; L-methionine biosynthesis via de novo pathway; L-methionine from L-homocysteine (BhmT route): step 1/1.

配列類似性

Contains 1 Hcy-binding domain.

細胞内局在

Cytoplasm.

画像

ab51280 run on a 15% SDS-PAGE gel with molecular weight markers.

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