abcam

Product datasheet

Recombinant Human GAMT protein ab185414

製品の詳細

製品名	Recombinant Human GAMT protein
精製度	> 95 % SDS-PAGE. Purity is determined by SEC-HPLC and reducing SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/ng
発現系	Escherichia coli
アクセッション番号	Q14353
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMSAPSATPIFAPGENCSPAWGA APAAYDAA DTHLRILGKPVMERWETPYMHALAAAASSKGGRVLEVGFGMA IAASKVQE APIDEHWIIECNDGVFQRLRDWAPRQTHKVIPLKGLWEDVAP TLPDGHFD GILYDTYPLSEETWHTHQFNFIKNHAFRLLKPGGVLTYCNLT SWGELMKS KYSDITIMFEETQVPALLEAGFRRENIRTEVMALVPPADCRY YAFPQMIT PLVTKGLEHH HHHH
予測される分子量	30 kDa including tags
領域	1 to 236
タグ	His tag C-Terminus , His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab185414** 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 HPLC
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 on Dry Ice. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 0.02% DTT

関連情報

組織特異性	Expressed in liver.
パスウェイ	Amine and polyamine biosynthesis; creatine biosynthesis; creatine from L-arginine and glycine: step 2/2.
関連疾患	Defects in GAMT are the cause of guanidinoacetate methyltransferase deficiency (GAMT deficiency) [MIM:612736]. GAMT deficiency is an autosomal recessive disorder characterized by developmental delay/regression, mental retardation, severe disturbance of expressive and cognitive speech, intractable seizures and movement disturbances, severe depletion of creatine/phosphocreatine in the brain, and accumulation of guanidinoacetic acid (GAA) in brain and body fluids.
配列類似性	Belongs to the RMT2 methyltransferase family.

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- 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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