abcam

Product datasheet

Recombinant Human AMPS protein ab113582

画像数 1

製品の詳細

製品名	Recombinant Human AMPS protein
精製度	> 95 % SDS-PAGE. ab113582 is purified using conventional chromatography techniques: anion exchange chromatography followed by gel filtration chromatography with 20mM Tris pH 7.5, 2mM EDTA. No detergents such as urea, Triton or Tween etc. were used to purify the proteins.
発現系	Escherichia coli
アクセッション番号	P30566
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMA AGGDHGSPDSYR SPLASRYASPEMCFVFSDRYKFRTWRQLWLWLAEAEQTLGLP ITDEQIQE MKSNLENIDFKMAAEEEKRLRHDVMAHVHTFGHCCPKAAGII HLGATSCY VGDNTDLIILRNALDLLLPKLARVISRLADFAKERASLPTLG FTHFQPAQ LTTVGKRCCLWIQDLCMDLQNLKRVRDDLRFRGVKGTTGTQA SFLQLFEG DDHKVEQLDKMVTEKAGFKRAFIITGQTYTRKVDIEVLSVLA SLGASVHK ICTDIRLLANLKEMEEPFEKQQIGSSAMPYKRNPMRSERCCS LARHLMTL VMDPLQTASVQWFERTLDDSANRRICLAEAFLTADTILNTLQ NISEGLVV YPKVIERRIRQELPFMATENIIMAMVKAGGSRQDCHEKIRVL SQQAASVV KQEGGDNDLIERIQVDAYFSPIHSQLDHLLDPSSFTGRASQQ VQRFLEEE VYPLLKPYESVMKVKAELCL
予測される分子量	59 kDa including tags
領域	1 to 484

タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab113582** 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
備考	Previously labelled as Adenylosuccinate Lyase.

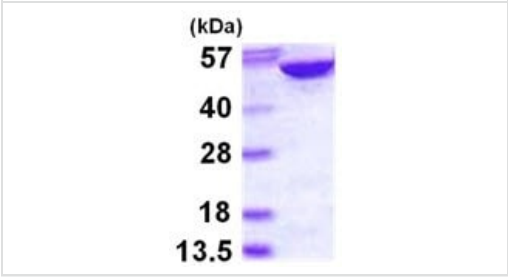
前処理および保存

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 long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

関連情報

組織特異性	Ubiquitously expressed. Both isoforms are produced by all tissues. Isoform 2 is 10-fold less abundant than isoform 1.
パスウェイ	Purine metabolism; AMP biosynthesis via de novo pathway; AMP from IMP: step 2/2. Purine metabolism; IMP biosynthesis via de novo pathway; 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamide from 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxylate: step 2/2.
関連疾患	Defects in ADSL are the cause of adenylosuccinase deficiency (ADSL deficiency) [MIM:103050]. ADSL deficiency is an autosomal recessive disorder characterized by the accumulation in the body fluids of succinylaminoimidazole-carboxamide riboside (SAICA-riboside) and succinyladenosine (S-Ado). Most children display marked psychomotor delay, often accompanied by epilepsy or autistic features, or both, although some patients may be less profoundly retarded. Occasionally, growth retardation and muscular wasting are also present.
配列類似性	Belongs to the lyase 1 family. Adenylosuccinate lyase subfamily.

画像



SDS-PAGE - Recombinant Human AMPS protein (ab113582)

15% SDS-PAGE showing ab113582 at approximately 59kDa (3µg).

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

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