

Product datasheet

Recombinant Human GCAT protein (denatured)  
ab156971

1 Image

Description

Product name	Recombinant Human GCAT protein (denatured)		
Purity	> 85 % SDS-PAGE.		
Expression system	Escherichia coli		
Accession	<u>O75600</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MGSSHHHHHHSSGLVPRGSHMSALAQLRGILEGELEGIR GAGTWKSERVI TSRQGPHIRVDGVSGGILNFCANNYGLSSHPEVIQAGLQA LEEFGAGLS SVRFICGTQSIHKNLEAKIARFHQREDAILYPSCYDANAGLF EALLTPED AVLSDELNHASIIDGIRLCKAHKYRYRHLDMADLEAKLQEA QKHRLRLVA TDGAFSMDGDIAPLQEICCLASRYGALVFMDECHATGFLG PTGRGTDELL GVMDQVTIINSTLGKALGGASGGYTTGPGPLVSLLRQRRAR PYLFSNSLPP AVVGCASKALDLLMGSNTVQSMAAKTQRFRSKMEAAGF TISGASHPICP VMLGDARLASRMADDMLKRGIFVIGFSYPVVPKGKARIRV QISAVHSEED IDRCVEAFVEVGRLHGALP		
Predicted molecular weight	45 kDa including tags		
Amino acids	22 to 419		
Tags	His tag N-Terminus		
Description	Recombinant Human GCAT protein		

Specifications

Our **Abpromise guarantee** covers the use of **ab156971** 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

**Form** Liquid

## Preparation and Storage

**Stability and Storage** 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.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

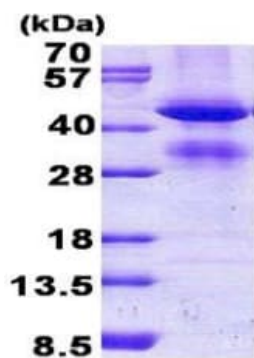
**Tissue specificity** Strongly expressed in heart, brain, liver and pancreas. Also found in lung.

**Pathway** Amino-acid degradation; L-threonine degradation via oxydo-reductase pathway; glycine from L-threonine: step 2/2.

**Sequence similarities** Belongs to the class-II pyridoxal-phosphate-dependent aminotransferase family.

**Cellular localization** Mitochondrion.

## Images



15% SDS-PAGE analysis of ab156971 (3 µg).

SDS-PAGE - Recombinant Human GCAT protein  
(denatured) (ab156971)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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