abcam

Product datasheet

Recombinant Human GGH protein ab123172

1 图像

描述

产品名称	重组人GGH蛋白
纯度	> 95 % SDS-PAGE. ab123172 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	Q92820
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	**MGSSHHHHHHSSGLVPRGSHM**RPHGDTAKKPIIGILMQKCRNKVMKNYGR YYIAASYVKYLESAGARVVPVRLDLTEKDYEILFKSINGILFPGGSVDLR RSDYAKVAKIFYNLSIQSFDDGDYFPVWGTCLGFEELSLLISGECLLTAT DTVDVAMPLNFTGGQLHSRMFQNFPTELLLSLAVEPLTANFHKWSLSVKN FTMNEKLKKFFNVLTTNTDGKIEFISTMEGYKYPVYGVQWHPEKAPYEWK NLDGISHAPNAVKTAFYLAEFFVNEARKNNHHFKSESEEEKALIYQFSPI YTGNISSFQQCYIFD
预测分子量	36 kDa including tags
氨基酸	25 to 318
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab123172** in the following tested applications.

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

应用	SDS-PAGE
	Mass Spectrometry
质谱法	MALDI-TOF

形式	Liquid
补充说明	This product was previously labelled as Glutamyl hydrolase gamma

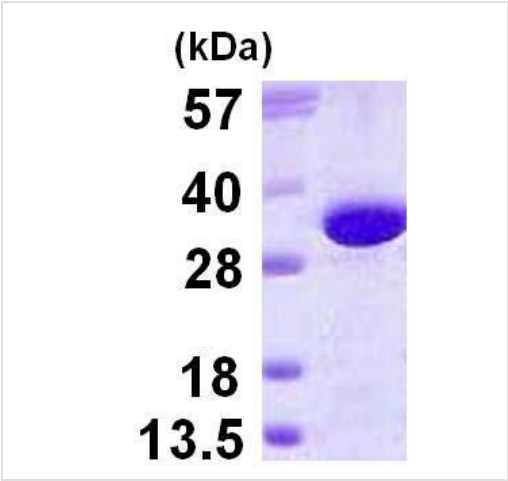
制备和贮存

稳定性和存储	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: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能	Hydrolyzes the polyglutamate sidechains of pteroylpolyglutamates. Progressively removes gamma-glutamyl residues from pteroylpoly-gamma-glutamate to yield pteroyl-alpha-glutamate (folic acid) and free glutamate. May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates.
序列相似性	Belongs to the peptidase C26 family. Contains 1 gamma-glutamyl hydrolase domain.
细胞定位	Secreted > extracellular space. Lysosome. Melanosome. While its intracellular location is primarily the lysosome, most of the enzyme activity is secreted. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



SDS-PAGE - Recombinant Human GGH protein (ab123172)

15% SDS-PAGE showing ab123172 at approximately 35.9 kDa (3µg loaded).

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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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

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