

Product datasheet

Recombinant human BLMH protein ab168022

1 Image

Overview

| | |
|-----------------------|--------------------------------|
| Product name | Recombinant human BLMH protein |
| Protein length | Full length protein |

Description

| | |
|----------------------------|------------------------|
| Nature | Recombinant |
| Source | Escherichia coli |
| Amino Acid Sequence | |
| Accession | Q13867 |
| Species | Human |

| | |
|-----------------|---|
| Sequence | <p>MGSSHHHHHH SSGLVPRGSH MSSSGLNSEK VAALIQLNS DPQFVLAQNV GTTHDLLDIC LKRATVQRAQ HVFQHAVPQE GKPITNQKSS GRCWIFSCLN VMRLPFMKKL NIEEFESQS YLFFWDKVER CYFFLSAFVD TAQRKEPEDG RLVQFLLMNP ANDGGQWDML VNIVEKYGVI PKKCFPESYT TEATRRMNDI LNHKMREFCI RLRNLVHSGA TKGEISATQD VMMEEIFRVV CICLGNPPET FTWEYRDKDK NYQKIGPITP LEFYREHVKP LFNMEDKICL VNDPRPQHXY NKLYTVEYLS NMVGGRKTLY NNQPIDFLKK MVAASIKDGE AVWFGCDVGK HFNSKLGLSD MNLYDHELVEF GVSLKNMNKA ERLTFGESLM THAMTFTAVS EKDDQDGAFT KWRVENSWGE DHGKGYLCM TDEWFSEYVY EVVDRKHVP EEVLAVLEQE PIILPAWDPM GALAE</p> |
|-----------------|---|

| | |
|-------------------------|-----------------------|
| Molecular weight | 55 kDa including tags |
| Amino acids | 1 to 455 |
| Tags | His tag N-Terminus |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab168022** in the following tested applications.

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

Biological activity Specific activity: > 1,000 pmole/min/μg. Measured by the hydrolysis of Met-AMC at pH 7.5, at 37°C.

Applications SDS-PAGE
Functional Studies

Purity >90% by 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: 0.32% Tris HCl, 10% Glycerol

This product is an active protein and may elicit a biological response in vivo, handle with caution.

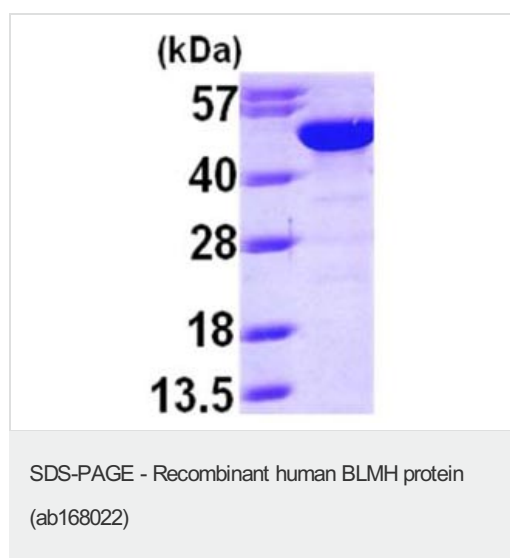
General Info

Function The normal physiological role of BLM hydrolase is unknown, but it catalyzes the inactivation of the antitumor drug BLM (a glycopeptide) by hydrolyzing the carboxamide bond of its B-aminoalaninamide moiety thus protecting normal and malignant cells from BLM toxicity.

Sequence similarities Belongs to the peptidase C1 family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of 3μg ab168022.

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