

Recombinant Firefly Luciferase protein ab100961

[4 References](#) [1 图像](#)

描述

产品名称	重组Firefly Luciferase蛋白
纯度	> 90 % SDS-PAGE. ab100961 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P08659</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
序列	<pre> MGSSHHHHHSSGLVPRGSHMMEDAKNIKKGPAFYPLEDGT AGEQLHKA MKRYALVPGTIAFTDAHIEVDITYAEYFEMSVRLAEAMKRYG LNTNHRIV VCSENSLQFFMPVLGALFIGVAVAPANDIYNERELLSMIGIS QPTVVFVS KKGLQKILNVQKKLPPIQKIIIMDSKTDYQGFQSMYTFVTSH LPPGFNEY DFVPESFDRDKTIALIMNSSGSTGLPKGVALPHRTACVRFSH ARDPIFGN QIIPDTAILSVPFHHGFGMFTTLGYLICGFRVVLMYRFEEE LFLRSLQD YKIQSALLVPTLFSFFAKSTLIDKYDLSNLHEIASGGAPLSK EVGEAVAK RFHLPGIRQGYGLTETTSAILITPEGDDKPGAVGKVVPFEEA KVVLDLDTG KTLGVNQRGELCVRGPMIMSGYVNNPEATNALIDKDGWLHSG DIAYWDED EHFFIVDRCLKSLIKYGYQVAPAELESILLQHPNIFDAGVAG LPDDDAGE LPAAVVLEHGKTMTEKEIVDYVASQVTTAKKLRGGVVFVDE VPKGLTGK LDARKIREILIKAKKGGKIAV </pre>
预测分子量	63 kDa including tags
氨基酸	1 to 550
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab100961** 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

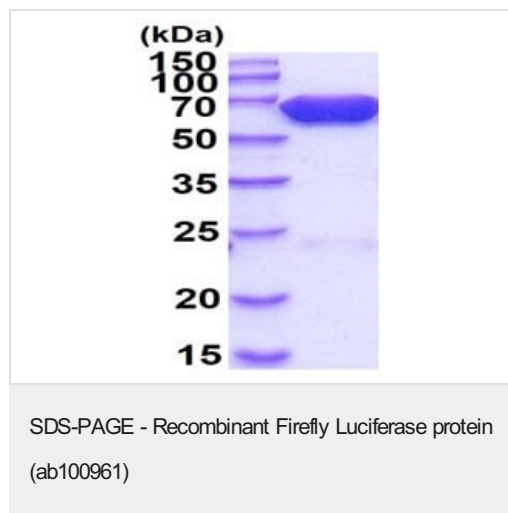
制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
--------	---

常规信息

相关性	Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg ²⁺ and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.
细胞定位	Peroxisome

图片



15% SDS-PAGE showing **ab100691** (3 µg) at approximately 62.9 kDa.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- 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
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors