

Recombinant Human TDG protein ab114876

1 图像

描述		
产品名称	重组人TDG蛋白	
表达系统	Wheat germ	
Accession	<u>Q13569</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MEAEENAGSYSLQQAQAFYTFPFQQLMAEAPNMAVVNEQQMPE EVPAPAPA QEPVQEAPKGRKRKPRTTEPKQPVEPKKPVESKKSGKSAKSK EKQEKITD TFKVKRKVDRFNGVSEAELLTKTLPDILTFNLDIVIIGINPG LMAAYKGH HYPGPGNHFWKCLFMSGLEVQLNHMDHTLPGKYGIGFTNM VERTTPGS KDLSSKEFREGGRILVQKLQKYQPRIAVFNGKCIYEIFSKEV FGVKVKNL EFGQLPHKIPDTETLCYGPSSSARCAQFPRAQDKVHYYIKL KDLRDQLK GIERNMDVQEVQYTFDLQLAQEDAKKMAVKEEKYDPGYEAA GGAYGENP CSSEPCGFSSNGLIESVELRGESAFSGIPNGQWMTQSFTDQI PSFSNHCG TQEQUEESHA	
预测分子量	71 kDa including tags	
氨基酸	1 to 410	
标签	GST tag N-Terminus	

技术指标

Our **Abpromise guarantee** covers the use of **ab114876** in the following tested applications.

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

应用	ELISA
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	SDS-PAGE
	Western blot
形式	Liquid
补充说明	This product was previously labelled as Thymine DNA glycosylase.

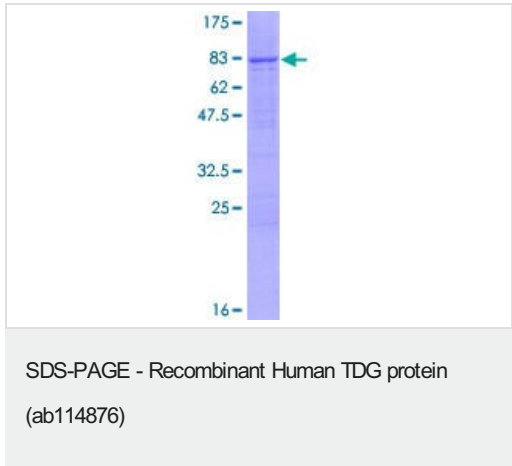
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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常规信息

功能	In the DNA of higher eukaryotes, hydrolytic deamination of 5-methylcytosine to thymine leads to the formation of G/T mismatches. This enzyme corrects G/T mispairs to G/C pairs. It is capable of hydrolyzing the carbon-nitrogen bond between the sugar-phosphate backbone of the DNA and a mispaired thymine. In addition to the G/T, it can remove thymine also from C/T and T/T mispairs in the order G/T >> C/T > T/T. It has no detectable activity on apyrimidinic sites and does not catalyze the removal of thymine from A/T pairs or from single-stranded DNA. It can also remove uracil and 5-bromouracil from mispairs with guanine.
序列相似性	Belongs to the TDG/mug DNA glycosylase family.
翻译后修饰	Sumoylation on Lys-330 by either SUMO1 or SUMO2 induces dissociation of the product DNA.
细胞定位	Nucleus.

图片



12.5% SDS-PAGE showing ab114876 at approximately 71.17kDa. Stained with Coomassie Blue.

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

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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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