

Recombinant Human USP28 protein ab163618

1 图像

描述	
产品名称	重组人USP28蛋白
表达系统	Wheat germ
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MTAELQQDDAAGAADGHGSSCQMLLNQLREITGIQDPSFLHE ALKASNGD ITQAVSLLTDERVKEPSQDTVATEPSEVEGSAANKEVLAKVI DLTHDNKD DLQAAIALSLLESPKIQADGRDLNRMHEATSAETKRSKRKRC EVWGENPN PNDWRRVDGWPGVGLKNVGNTCWFSAVIQSLFQLPEFRRLVLS YSLPQNVL ENCRSHTEKRNIMFMQELQYLFALMMGSNRKFVDPSAALDLL KGAFRSSE EQQQDVSEFTHKLLDWLEDAFQLAVNVNSPRNKSENPMVQLF YGTFLTEG VREGKPFCCNETFGQYPLQVNGYRNLDECLEGAMVEGDVELL PSDHSVKY GQERWFTKLPPVLTfELSRFEFNQSLGQPEKIHnkLEFPQII YMDRYMYR SKELIRNKRECIRKLKEEIKILQQKLERYVKYGSgPARFPLP DMLKYVIE FASTKPASESCPPESDTHMTLPLSSVHCSVSDQTSKESTSTE SSSQDVES TFSSPEDSLPKSKPLTSSRSSMEMPSQPAPRTVTDEEINfVK TCLQRWRS EIEQDIQDLKTCIASTTQTIEQMYCDPLLRQVE
氨基酸	1 to 583
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab163618** 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
	Western blot
形式	Liquid
补充说明	

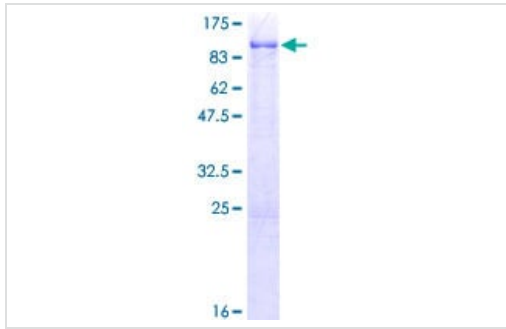
制备和贮存

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: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能	Deubiquitinase involved in DNA damage response checkpoint and MYC proto-oncogene stability. Involved in DNA damage induced apoptosis by specifically deubiquitinating proteins of the DNA damage pathway such as CLSPN. Also involved in G2 DNA damage checkpoint, by deubiquitinating CLSPN, and preventing its degradation by the anaphase promoting complex/cyclosome (APC/C). In contrast, it does not deubiquitinate PLK1. Specifically deubiquitinates MYC in the nucleoplasm, leading to prevent MYC degradation by the proteasome: acts by specifically interacting with isoform 1 of FBXW7 (FBW7alpha) in the nucleoplasm and counteracting ubiquitination of MYC by the SCF(FBW7) complex. In contrast, it does not interact with isoform 4 of FBXW7 (FBW7gamma) in the nucleolus, allowing MYC degradation and explaining the selective MYC degradation in the nucleolus.
序列相似性	Belongs to the peptidase C19 family. USP28 subfamily. Contains 1 UIM (ubiquitin-interacting motif) repeat.
翻译后修饰	Degradaded upon nickel ion level or hypoxia exposure. Phosphorylated upon DNA damage at Ser-67 and Ser-714, by ATM or ATR.
细胞定位	Nucleus > nucleoplasm.

图片



SDS-PAGE - Recombinant Human USP28 protein
(ab163618)

ab163618 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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