

Recombinant human Hsp70 protein ab78427

2 图像

描述		
产品名称	重组人Hsp70蛋白	
生物活性	ab78427 has ATPase activity at the time of manufacture of 3.3μM phosphate liberated/hr/μg protein in a 200μl reaction at 37°C (pH7.5) in the presence of 20ul of 1mM ATP using a Malachite Green assay.	
纯度	> 90 % SDS-PAGE. ab78427 is affinity purified.	
表达系统	Escherichia coli	
Accession	<u>NM_005345</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MAKAAAIGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPS YVAFTDTERL IGDAAKNQVA LNPQNTVFDA KRLIGRKFGD PVVQSDMKHW PFQVINDGDK PKVQVSYKGE TKAFYPEEIS SMVLTKMKEI AEAYLGYPVT NAVITVPAYF NDSQRQATKD AGVIAGLNVL RIINEPTAAA IAYGLDRTGK GERNVLIFDL GGGTFDVSIL TIDDGIFEVK ATAGDTHLGG EDFDNRLVNH FVEEFKRKHK KDISQNKRAV RRLRTACERA KRTLSSSTQA SLEIDSLFEG IDFYTSITRA RFEELCSDLF RSTLEPVEKA LRDAKLDKAQ IHDLVLVGGG TRIPKVQKLL QDFFNGRDLN KSINPDEAVA YGAAVQAAIL MGDKSENVQD LLLLDVAPLS LGLETAGGVM TALIKRNSTI PTKQTQIFTT YSDNQPGVLI QVYEGERAMT KDNLLGRFE LSGIPPAPRG VPQIEVTFDI DANGILNVTA TDKSTGKANK ITITNDKGRL SKEEIERMVQ EAEKYKAEDE VQRErvSAKN ALESYAFNMK SAVEDEGLKG KISEADKKKV LDKCQEVISW LDANTLAEKD EFEHKRKELE QVCNPIISGL YQGAGGPGPG GFGAQGPKGG SGSGPTIEEV D	

标签 His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab78427** in the following tested applications.

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

应用	Functional Studies
	Western blot
	ELISA
	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

Preservative: 1.36% Imidazole

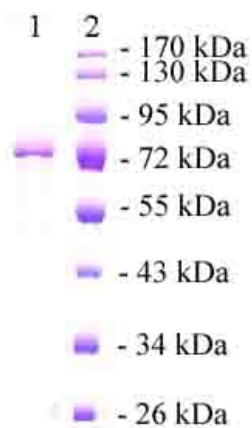
Constituents: 0.87% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.328% Sodium phosphate

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

常规信息

相关性	Function: In cooperation with other chaperones, the Hsp70 family stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. In case of rotavirus A infection, serves as a post-attachment receptor for the virus to facilitate entry into the cell. Tissue specificity: HSPA1B is testis-specific.
细胞定位	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

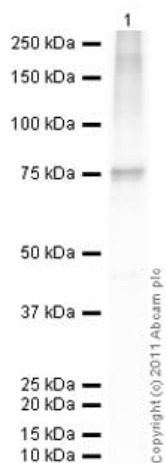
图片



Lane 1. Hsp70 protein

Lane 2. Molecular weight ladder

SDS-PAGE - Recombinant human Hsp70 protein
(ab78427)



Western blot - Recombinant human Hsp70 protein
(ab78427)

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