

Recombinant human Hsp70 protein (Active) ab78434

1 图像

描述

产品名称	重组人Hsp70蛋白(Active)
生物活性	ab78434 tested positive for ATPase activity using a Malachite Green assay.
纯度	> 90 % SDS-PAGE. ab78434 is affinity purified.
内毒素水平	< 0.700 Eu/ml
表达系统	Baculovirus infected BTI-TN-5B1-4 cells
Accession	<u>P0DMV8</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 AEAYLGYPT 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 LDKCQEVIW LDANTLAEKD EFEHKRKELE QVCNPIISGL YQGAGGPGPG GFGAQGPKGG SGSGPTIEEV D
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预测分子量	70 kDa
氨基酸	1 to 641
标签	His tag N-Terminus
额外的序列信息	(NM_005345) (Gene ID 3303) (P0DMV9)

技术指标

Our **Abpromise guarantee** covers the use of **ab78434** in the following tested applications.

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

应用	Western blot ELISA Functional Studies Competitive Binding Assays SDS-PAGE
形式	Liquid

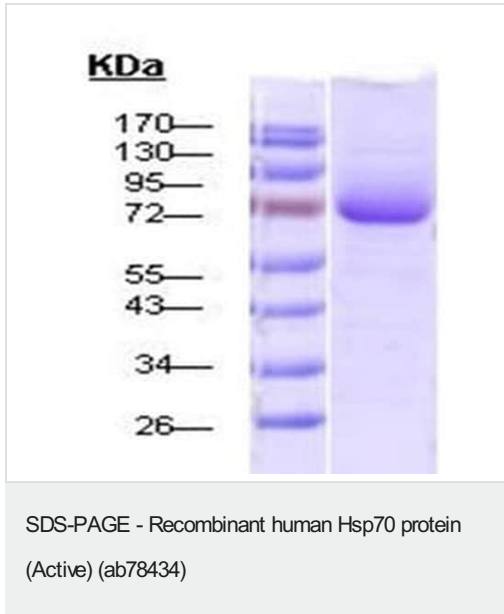
制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. Constituents: 0.87% Sodium chloride, 0.24% Tris, 10% Glycerol This product is an active protein and may elicit a biological response in vivo, handle with caution.
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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



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