

Recombinant human Hsp70 protein ab78427

画像数 2

製品の詳細

製品名	Recombinant human Hsp70 protein
生理活性	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.
精製度	> 90 % SDS-PAGE. ab78427 is affinity purified.
発現系	Escherichia coli
アクセッション番号	<u>NM_005345</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	

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 VQRRERSAKN
ALESYAFNMK SAVEDEGLKG KISEADKKKV
LDKCQEVISW LDANTLAEKD EFEHKRKELE
QVCNPIISGL YQGAGGPGPG GFGAQGPKGG
SGSGPTIEEV D

タグ

His tag N-Terminus

特性

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.

アプリケーション

Functional Studies

Western blot

ELISA

SDS-PAGE

製品の状態

Liquid

前処理および保存

保存方法および安定性

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.

関連情報

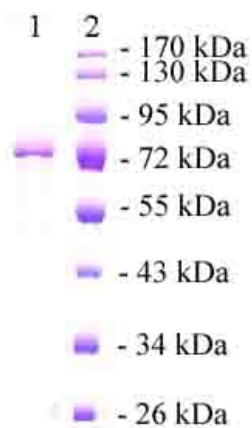
関連性

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.

細胞内局在

Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

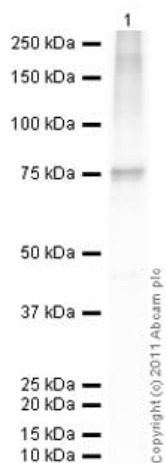
画像



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"

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