

Product datasheet

Recombinant human HSPA2 protein ab92433

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Description

Product name	Recombinant human HSPA2 protein
Biological activity	ATPase activity: Positive
Purity	> 95 % SDS-PAGE. Purified by Multi-step chromatography. > 95% pure as determined by SDS-PAGE and Western Blot analysis.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab92433** in the following tested applications.

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

Applications	Western blot Functional Studies SDS-PAGE
Form	Liquid
Additional notes	Endotoxin: >500 EU/mg as determined by LAL gel clot assay

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

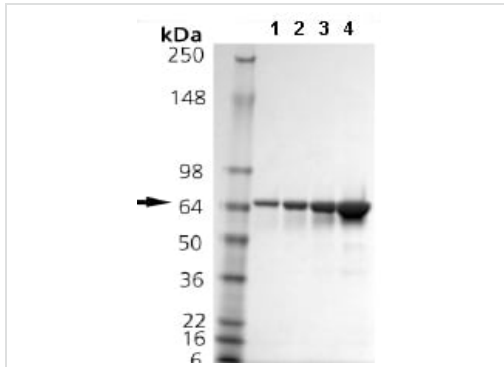
Function	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within
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organelles. These chaperones participate in all these 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.

Sequence similarities

Belongs to the heat shock protein 70 family.

Images



SDS-PAGE - Recombinant human HSPA2 protein (ab92433)

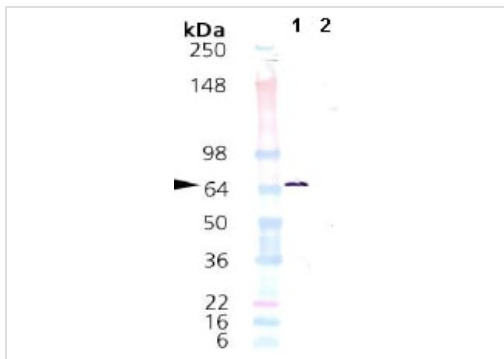
SDS-PAGE showing ab92433:

Lane 1: 0.5 μ g

Lane 2: 1 μ g

Lane 3: 2 μ g

Lane 4: 5 μ g



Western blot - Recombinant human HSPA2 protein (ab92433)

All lanes : anti-HSPA2

Lane 1 : Recombinant human HSPA2 protein (ab92433)

Lane 2 : DnaK protein

Lysates/proteins at 0.05 μ g per lane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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