

Recombinant human Hsp90 beta protein (Active) ab80033

2 References [画像数 2](#)

製品の詳細

製品名	Recombinant human Hsp90 beta protein (Active)
生理活性	<p>1. The reactions are in 33 mM Hepes pH7.2, 30 mM NaCl, 5 mM MgCl₂, 1 mM DTT, 1.5 mM ATP in a 100 µl reaction at 37°C. It is an enzyme-linked ATP regeneration assay tracking loss of NADH absorbance at 340nm.</p> <p>2. The protein concentrations (where applicable) were 2 µM Hsp90 (Hsp90 beta), 2 µM Ahsa1 (His tagged human Ahsa1), 4 µM p23 (cleaved human p23), 4 µM HOP (His-tagged human HOP).</p> <p>3. Addition of a two-fold excess of p23 reduced Aha1-mediated Hsp90 stimulation by 30% (when using 2 µM Hsp90 and Aha1).</p> <p>4. Addition of a two -fold excess of HOP completely eliminated Aha1-mediated ATPase stimulation as well as intrinsic Hsp90 ATPase activity.</p>
精製度	<p>> 90 % SDS-PAGE.</p> <p>ab80033 is Affinity Purified, Endotoxin-free</p>
発現系	Baculovirus infected BTI-TN-5B1-4 cells
アクセッション番号	<u>P08238</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRE LISNASDA LDKIRYESLTDPSKLD SGKELKIDIIPNPQERTLT LVDTGIG MTKADLIN NLGTIAKSGTKAFMEALQAGADISMIGQFGVGFYSAYLVAEK VVVITKHN DDEQYAWESSAGGSFTVRADHGEP IGRGTKVILHLKEDQTEY LEERRVKE VVKKHSQFIGYPITLYLEKEREKEISDDEAEEEEKGEKEEEDK DDEEKPKI EDVGSDEEDDSGKD KKKKTKKIKEYIDQEELNKT KPIWTRN PDDITQEE YGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPRRAPFD LFENK KKK</p>

NNIKLYVRRVFIMDSCDELIPEYLNFIKRVVDSDELPLNISR
 EMLQQSKI
 LKVIKKNIVKKCLELFSLEAEDKENYKKFYEAFSKNLKLGIH
 EDSTNRRR
 LSELLRYHTSQSGDEMTSLSEYVSRMKETQKSIYYITGESKE
 QVANSAFV
 ERVRKRGFEVVMTEPIDEYCVQQLKEFDGKSLVSVTKEGLE
 LPEDEEEK
 KKMEESKAKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIV
 TSTYGWTA
 NMERIMKAQALRDNSTMGYMAKKHLEINPDHPIVETLRQKA
 EADKNDKA
 VKDLVLLFETALLSSGFSLEDPPQTHSNRIYRMILGLGIDE
 DEVAAEEP NAAVPDEIPPLEGDEDASRMEEVD

予測される分子量 90 kDa

領域 1 to 724

特性

Our **Abpromise guarantee** covers the use of **ab80033** 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 Western blot
 ELISA
 Inhibition Assay
 Functional Studies
 SDS-PAGE

製品の状態 Liquid

備考 ab80033 is endotoxin free. <0.1 EU/ml.

前処理および保存

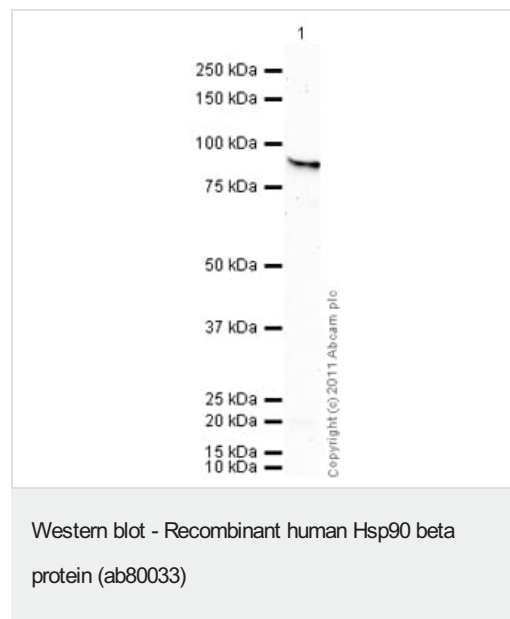
保存方法および安定性 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C.
 Avoid freeze / thaw cycle.
 Constituents: 0.0154% DTT, 0.242% Tris, 0.00292% EDTA, 10% Glycerol (glycerin, glycerine),
 1.015% Sodium chloride
 This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能 Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

配列類似性	Belongs to the heat shock protein 90 family.
ドメイン	The TPR repeat-binding motif mediates interaction with TPR repeat-containing proteins.
翻訳後修飾	Ubiquitinated in the presence of STUB1-UBE2D1 complex (in vitro). ISGylated. S-nitrosylated; negatively regulates the ATPase activity.
細胞内局在	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



SDS-PAGE of Hsp90 beta protein (ab80033).

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