

Recombinant mouse AHA1 protein ab111143

Description

Product name	Recombinant mouse AHA1 protein
Biological activity	2uM ab111143 generated a 9-fold ATPase activation of 2uM Hsp90 (His-tagged Hsp90 beta) in 33mM Hepes pH7.2, 30mM NaCl, 5mM MgCl ₂ , 1mM DTT, 1.5mM ATP in a 100ul reaction at 37 degrees celcius (this is an enzyme-linked ATP regeneration assay tracking loss of NADH absorbance at 340nm).
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q8BK64</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Predicted molecular weight	38 kDa
Amino acids	1 to 338
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab111143** in the following tested applications.

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

Applications	Functional Studies Western blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. Constituents: 0.002% DTT, 0.378% Tris HCl, 50% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Cochaperone that stimulates HSP90 ATPase activity (By similarity). May affect a step in the endoplasmic reticulum to Golgi trafficking.
Tissue specificity	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
Sequence similarities	Belongs to the AHA1 family.
Cellular localization	Cytoplasm > cytosol. Endoplasmic reticulum. May transiently interact with the endoplasmic reticulum.

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
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