

Recombinant cow Hsc70 protein ab91596

描述

产品名称	重组牛Hsc70蛋白
生物活性	ATPase Activity Assay: Positive
纯度	> 80 % SDS-PAGE. Purified by Multi-step chromatography
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Cow

技术指标

Our **Abpromise guarantee** covers the use of **ab91596** in the following tested applications.

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

应用	SDS-PAGE Western blot Functional Studies
形式	Liquid
补充说明	Endotoxin Concentration: < 50 EU/mg as determined by Limulus Amebocyte Lysate (LAL) gel clot assay

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 0.0308% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.363% Tris, 0.0292% EDTA, 1.74% Sodium chloride 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

功能	Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Isoform 2 may function as an endogenous inhibitory regulator of HSC70 by competing the co-chaperones.
组织特异性	Ubiquitous.
序列相似性	Belongs to the heat shock protein 70 family.
结构域	The N-terminal 1-386 residues constitute the ATPase domain, while residues 387-646 form the peptide-binding domain.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR. ISGylated.
细胞定位	Cytoplasm. Melanosome. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Translocates rapidly from the cytoplasm to the nuclei, and especially to the nucleoli, upon heat shock. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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

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