abcam

Product datasheet

Recombinant Human Hsp60 protein ab113177

1 References 2 图像

描述

产品名称	重组人Hsp60蛋白
纯度	> 90 % SDS-PAGE. ab113177 was purified by multi-step chromatography.
内毒素水平	< 50.000 Eu/mg
表达系统	Escherichia coli
Accession	**P10809**
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	61 kDa
氨基酸	1 to 573

技术指标

Our **Abpromise guarantee** covers the use of **ab113177** in the following tested applications.

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

应用	Western blot Functional Studies SDS-PAGE
形式	Liquid

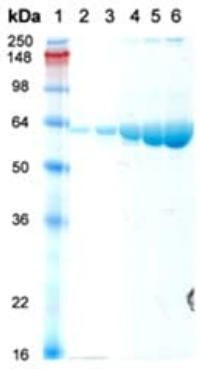
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. Preservative: 0.09% Sodium azide Constituents: 99% PBS, Phosphate Buffer

常规信息

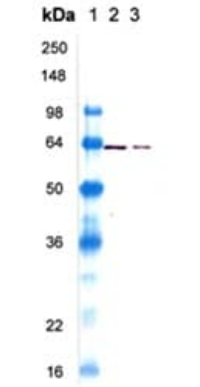
功能	Implicated in mitochondrial protein import and macromolecular assembly. May facilitate the correct folding of imported proteins. May also prevent misfolding and promote the refolding and proper assembly of unfolded polypeptides generated under stress conditions in the mitochondrial matrix.
疾病相关	Defects in HSPD1 are a cause of spastic paraplegia autosomal dominant type 13 (SPG13) [MIM:605280]. Spastic paraplegia is a degenerative spinal cord disorder characterized by a slow, gradual, progressive weakness and spasticity of the lower limbs. Defects in HSPD1 are the cause of leukodystrophy hypomyelinating type 4 (HLD4) [MIM:612233]; also called mitochondrial HSP60 chaperonopathy or MitCHAP-60 disease. HLD4 is a severe autosomal recessive hypomyelinating leukodystrophy. Clinically characterized by infantile-onset rotary nystagmus, progressive spastic paraplegia, neurologic regression, motor impairment, profound mental retardation. Death usually occurrs within the first two decades of life.
序列相似性	Belongs to the chaperonin (HSP60) family.
细胞定位	Mitochondrion matrix.

图片



SDS-PAGE - Recombinant Human Hsp60 protein (ab113177)

SDS-PAGE analysis of ab113177: Lane 1: MW marker, Lane 2: 0.5ug, Lane 3: 1ug, Lane 4: 2.5ug, Lane 5: 5ug, Lane 6: 10ug.



Western blot - Recombinant Human Hsp60 protein (ab113177)

All lanes : a monoclonal anti Hsp60 protein

Lane 1 : molecualr weight marker
Lane 2 : Recombinant Human Hsp60 protein (ab113177) at 0.1 µg
Lane 3 : Recombinant Human Hsp60 protein (ab113177) at 0.05 µg

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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors