abcam

Product datasheet

Recombinant Human Hsp60 protein ab113177

1 References　画像数 2

製品の詳細

製品名	Recombinant Human Hsp60 protein
精製度	> 90 % SDS-PAGE. ab113177 was purified by multi-step chromatography.
エンドトキシン・レベル	< 50.000 Eu/mg
発現系	Escherichia coli
アクセッション番号	P10809
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	61 kDa
領域	1 to 573

特性

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.

アプリケーション	Western blot Functional Studies SDS-PAGE
製品の状態	Liquid

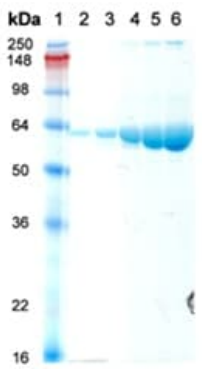
前処理および保存

保存方法および安定性	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

関連情報

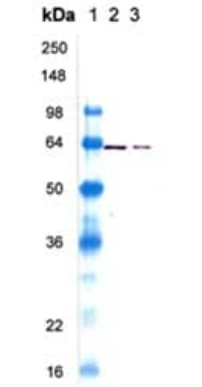
機能	Implicated in mitochondrial protein import and macromolecular assembly. May facilitate the correct folding of imported proteins. May also prevent misfolding and promote the refolding and proper assembly of unfolded polypeptides generated under stress conditions in the mitochondrial matrix.
関連疾患	Defects 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.
配列類似性	Belongs to the chaperonin (HSP60) family.
細胞内局在	Mitochondrion matrix.

画像



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

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