abcam

Product datasheet

Recombinant Actin protein (Tagged) ab235861

画像数 1

製品の詳細

製品名	Recombinant Actin protein (Tagged)
精製度	> 85 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	P10982
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Absidia glauca (Pin mould)
配列	MSMEEEIAALVIDNGSGMCKAGFAGDDAPRAVFPSIVGRPRH QGIMVGMG QKDSYVGDEAQSKRGILTLRYPIEHGIVTNWDDMEKIWHHTF YNELRVAP EEHPVLLTEAPLNPKSNREKMTQIMFETFNAPAFYVSIQA
予測される分子量	21 kDa including tags
領域	1 to 140
タグ	His tag N-Terminus
配列の追加情報	N-terminal 6xHis-tagged and C-terminal Myc-tagged. Absidia glauca (Pin mould).

特性

Our **Abpromise guarantee** covers the use of **ab235861** 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	SDS-PAGE
製品の状態	Liquid

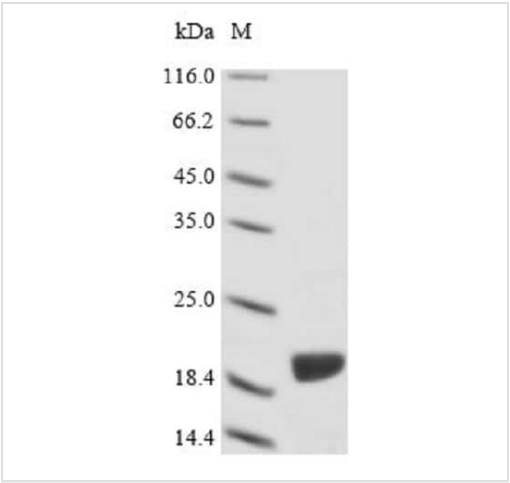
前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

関連情報

機能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
関連疾患	Defects in ACTA1 are the cause of nemaline myopathy type 3 (NEM3) [MIM:161800]. A form of nemaline myopathy. Nemaline myopathies are muscular disorders characterized by muscle weakness of varying severity and onset, and abnormal thread-or rod-like structures in muscle fibers on histologic examination. The phenotype at histological level is variable. Some patients present areas devoid of oxidative activity containg (cores) within myofibers. Core lesions are unstructured and poorly circumscribed. Defects in ACTA1 are a cause of myopathy congenital with excess of thin myofilaments (MPCETM) [MIM:161800]. A congenital muscular disorder characterized at histological level by areas of sarcoplasm devoid of normal myofibrils and mitochondria, and replaced with dense masses of thin filaments. Central cores, rods, ragged red fibers, and necrosis are absent. Defects in ACTA1 are a cause of congenital myopathy with fiber-type disproportion (CFTD) [MIM:255310]; also known as congenital fiber-type disproportion myopathy (CFTDM). CFTD is a genetically heterogeneous disorder in which there is relative hypotrophy of type 1 muscle fibers compared to type 2 fibers on skeletal muscle biopsy. However, these findings are not specific and can be found in many different myopathic and neuropathic conditions.
配列類似性	Belongs to the actin family.
細胞内局在	Cytoplasm > cytoskeleton.

画像



SDS-PAGE - Recombinant Actin protein (Tagged) (ab235861)

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel analysis of ab235861.

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