

Recombinant mouse CERK protein (Active) ab271468

画像数 2

製品の詳細

製品名	Recombinant mouse CERK protein (Active)		
生理活性	Specific Activity: ≥ 10 pmole/min/ μ g		
	Assay Conditions: Assay conditions: CERK activity was measured at 37°C for 25 min in a buffer (20 mM HEPES pH7.2, 80 mM KCl, 3 mM CaCl ₂ , 10 mM MgCl ₂ , 2 mM DTT, 5 μ M ATP) using a μ -Octylglucoside mixed micellar assay with 100 μ M Ceramide substrate. ATP reduction was detected using a Luminescent Kinase Assay Platform.		
精製度	≥ 51 % SDS-PAGE. Affinity purified.		
発現系	Baculovirus infected Sf9 cells		
アクセッション番号	<u>Q8K4Q7</u>		
タンパク質長	Full length protein		
Animal free	No		
由来	Recombinant		
生物種	Mouse		
配列	MGAMGAAEPL	HSVLRWVKRRR	CAVSLEPARA
	LLRWRSPEP	GPSAPGADAR	SVLVSEIIAV
	EKDDCEKHA	SSGRWHKMEN	PFAFTVHRVK
	RVRHHRWKWA	RVTFWSADEQ	LCHLWLQTLR
	GLLESLTSRP	KHLLVFINPF	GGKGQKRIY
	EKTVAFLFTL	ASITTEIIIT	EHANQAKETL
	YEINTDSYDG	IVCVGGDGMF	SEVLHGVIGR
	TQQSAGIDPN	HPRAVLVPST	LRIGIIPAGS
	TDCVCYSTVG	TNDAETSALH	IIIGDSLAIID
	VSSVHYHNTL	LRYSVSLLGY	GFYGDLIKDS
	EKKRWMGLVR	YDFSGLKTFL	SHQYYEGTLS
	FLPAQHTVGS	PRDNKPCRAG	CFVCRQSKQQ
	LEEEKKALY	GLENAEEMEE	WQVTCGKFLA
	INATNMSCAC	PRSPGGLSPF	AHLGDGSSDL
	ILIRKCSRFN	FLRFLIRHTN	QEDQFDFTFV
	EVYRVKKFHF	TSKHVEDEDN	DSKEQEKQKF
	GKICKDRPSC	TCSASRSSWN	CDGEVMHSPA
	IEVRVHCQLV	RLFARGIEEE	S
予測される分子量	61 kDa including tags		

領域	1 to 531
タグ	DDDDK tag C-Terminus
配列の追加情報	Genbank: NM_00113486

特性

Our **Abpromise guarantee** covers the use of **ab271468** 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 Functional Studies
製品の状態	Liquid

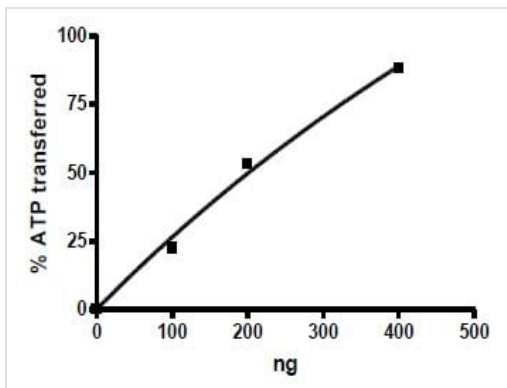
前処理および保存

保存方法および安定性	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine) 100ug/ml DDDDK peptide This product is an active protein and may elicit a biological response in vivo, handle with caution.
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関連情報

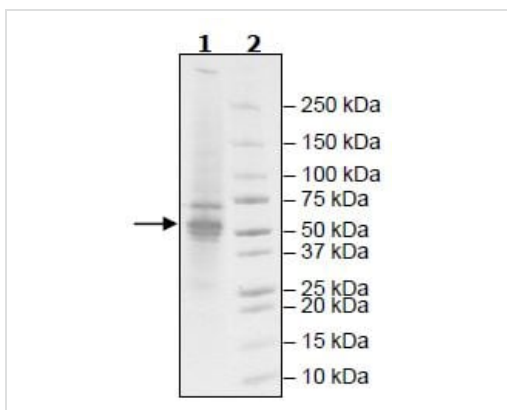
機能	Catalyzes specifically the phosphorylation of ceramide to form ceramide 1-phosphate. Acts efficiently on natural and analog ceramides (C6, C8, C16 ceramides, and C8-dihydroceramide), to a lesser extent on C2-ceramide and C6-dihydroceramide, but not on other lipids, such as various sphingosines. Binds phosphoinositides.
組織特異性	High level expression in heart, brain, skeletal muscle, kidney and liver; moderate in peripheral blood leukocytes and thymus; very low in spleen, small intestine, placenta and lung.
配列類似性	Contains 1 DAGKc domain.
細胞内局在	Cytoplasm. Membrane.

画像



Specific activity of ab271468 was ≥ 10 pmole/min/ μ g.

Functional Studies - Recombinant mouse CERK protein (Tagged) (ab271468)



SDS-PAGE analysis of ab271468.

SDS-PAGE - Recombinant mouse CERK protein (Tagged) (ab271468)

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

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