

Recombinant mouse TTBK2 protein ab125631

画像数 2

製品の詳細

製品名	Recombinant mouse TTBK2 protein
生理活性	The specific activity of ab125631 was determined to be 370 nmol/min/mg.
精製度	> 95 % Densitometry. >95% by Densitometry,. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	<u>Q3UVR3</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Mouse
予測される分子量	88 kDa including tags
領域	70 to 538
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab125631** 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
備考	<u>ab64311</u> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity.

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 -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA,
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25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能

Serine/threonine kinase which is able to phosphorylate tau on serines.

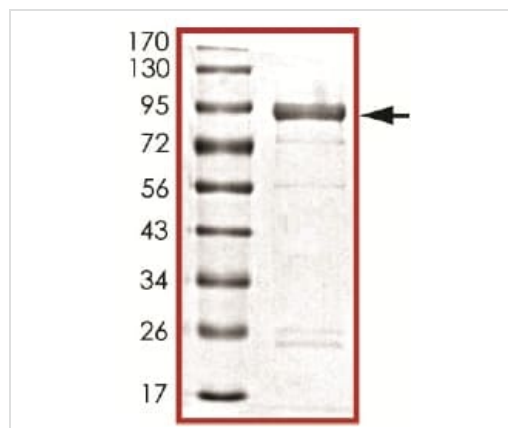
関連疾患

Defects in TTBK2 are the cause of spinocerebellar ataxia type 11 (SCA11) [MIM:604432]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA11 is an autosomal dominant cerebellar ataxia (ADCA). It is a relatively benign, late-onset, slowly progressive neurologic disorder.

配列類似性

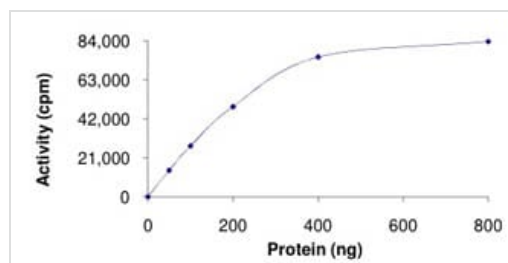
Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Contains 1 protein kinase domain.

画像



SDS-PAGE of ab125631.

SDS-PAGE - Recombinant mouse TTBK2 protein (ab125631)



The specific activity of ab125631 was determined to be 370 nmol/min/mg.

Functional Studies - Recombinant mouse TTBK2 protein (ab125631)

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

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