

Recombinant mouse TTBK2 protein ab125631

2 图像

描述

产品名称	重组小鼠TTBK2蛋白
生物活性	The specific activity of ab125631 was determined to be 370 nmol/min/mg.
纯度	> 95 % Densitometry. >95% by Densitometry,. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>Q3UVR3</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Mouse
预测分子量	88 kDa including tags
氨基酸	70 to 538
标签	GST tag N-Terminus

技术指标

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.

应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<u>ab64311</u> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity.

制备和贮存

稳定性和存储	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.

常规信息

功能

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

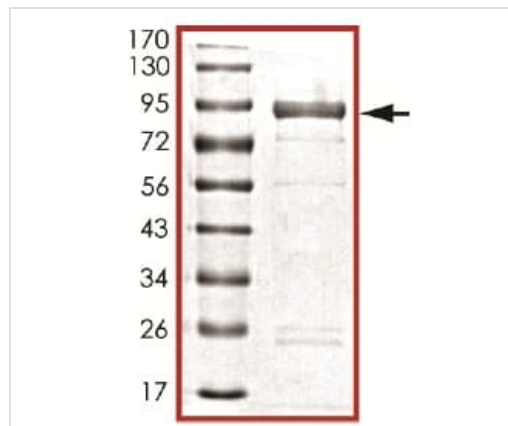
疾病相关

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.

序列相似性

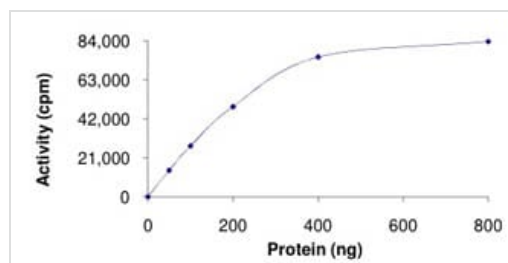
Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Contains 1 protein kinase domain.

图片



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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