

Recombinant mouse PAK3 protein ab61414

画像数 5

製品の詳細

製品名	Recombinant mouse PAK3 protein
生理活性	Specific activity: 259 nmol/min/mg.
精製度	> 75 % Densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse

特性

Our **Abpromise guarantee** covers the use of **ab61414** 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	Functional Studies SDS-PAGE
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製品の状態	Liquid
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備考	ab43614 (Human Myelin Basic Protein full length protein) can be utilized as a substrate for assessing Kinase activity
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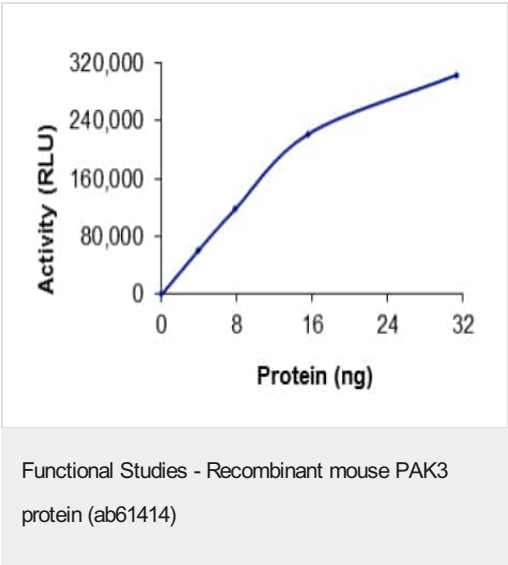
前処理および保存

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: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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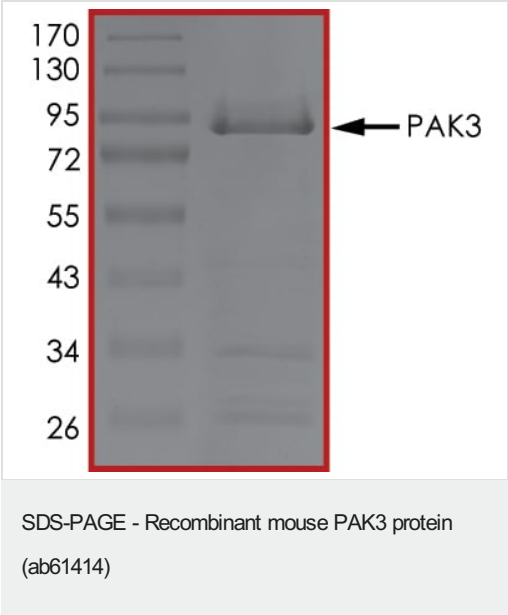
関連情報

関連性	PAK proteins are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins serve as targets for the small GTP binding proteins Cdc42 and RAC and have been implicated in a wide range of biological activities. PAK3 forms an activated complex with GTP-bound RAS-like (P21), CDC2 and RAC1 proteins which then catalyzes a variety of targets. It may be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. A point mutation in this gene has been linked to nonsyndromic X-linked mental retardation.
細胞内局在	Cytoplasmic

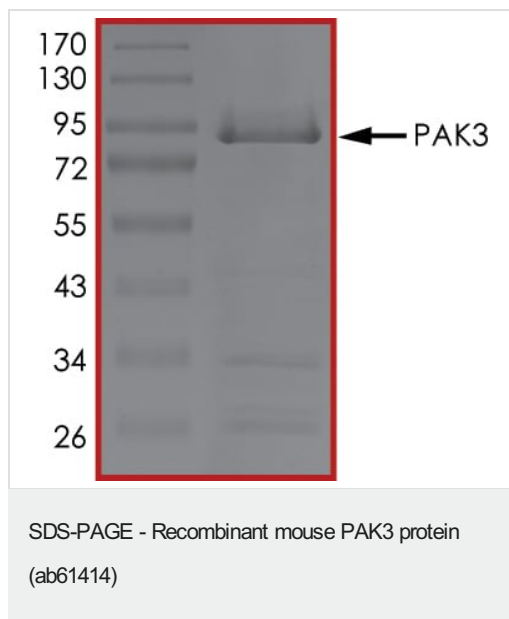
画像



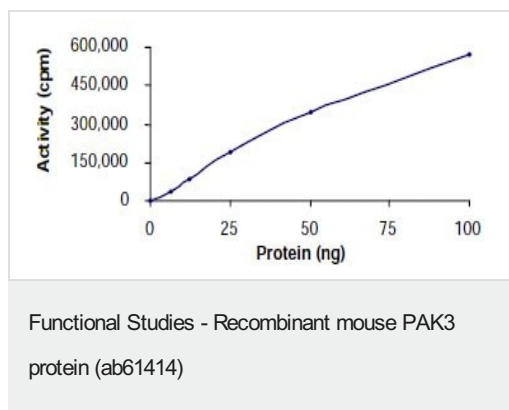
The specific activity of PAK3 (ab61414) was determined to be 54.2 nmol/min/mg as per activity assay protocol and was equivalent to 270 nmol/min/mg as per radiometric assay



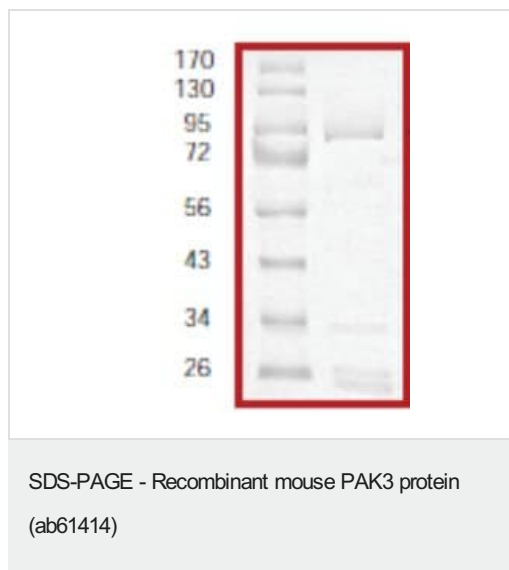
SDS PAGE analysis of ab61414



SDS PAGE analysis of ab61414



Sample Kinase Activity Plot.



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