

Recombinant human TAOK1 protein ab63169

4 图像

描述	
产品名称	重组人TAOK1蛋白
生物活性	Specific activity: 1670 nmol/min/mg.
纯度	> 90 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	1 to 314

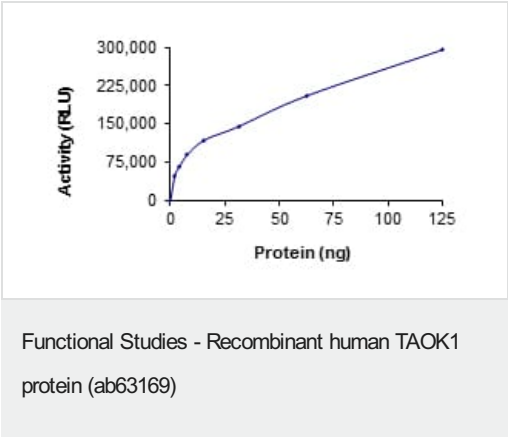
技术指标	
Our Abpromise guarantee covers the use of ab63169 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Functional Studies SDS-PAGE
形式	Liquid
补充说明	ab64311 (Myelin Basic Protein 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: 0.0038% 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.

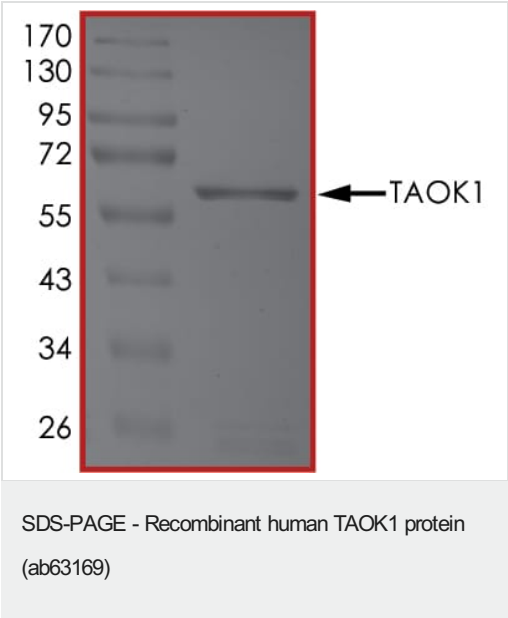
常规信息

功能	Phosphorylates MKK3 (By similarity). Activates the p38 MAP kinase pathway through the specific activation of the upstream MKK3 kinase.
组织特异性	Highly expressed in the testis, and to a lower extent also expressed in brain, placenta, colon and skeletal muscle.
序列相似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 protein kinase domain.
翻译后修饰	Autophosphorylated.
细胞定位	Cytoplasm.

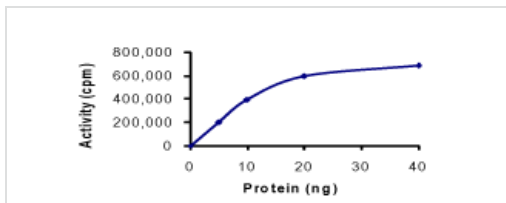
图片



The specific activity of TAOK1 (ab63169) was determined to be 28 nmol/min/mg as per activity assay protocol and was equivalent to 1630 nmol/min/mg as per radiometric assay

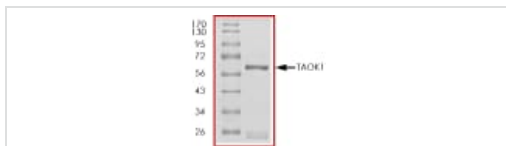


SDS PAGE analysis of ab63169



Sample Kinase Activity Plot.

Functional Studies - Recombinant human TAOK1 protein (ab63169)



ab63169 on SDS-PAGE. Molecular Weight: ~63 kDa.

SDS-PAGE - Recombinant human TAOK1 protein (ab63169)

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