

Recombinant human IRAK4 protein ab60860

5 图像

描述

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| 产品名称 | 重组人IRAK4蛋白 |
| 纯度 | > 90 % Densitometry. Affinity purified. |
| 表达系统 | Insect cells |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 标签 | GST tag N-Terminus |

技术指标

Our **Abpromise guarantee** covers the use of **ab60860** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| 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 |

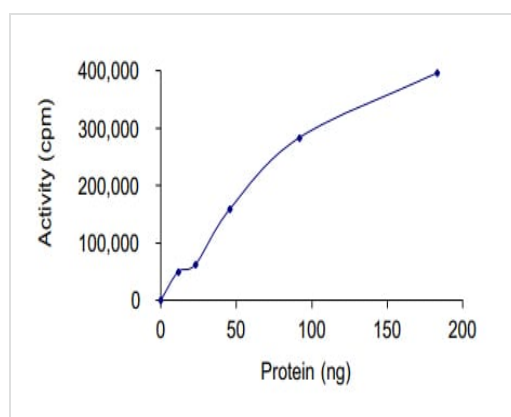
制备和贮存

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| 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. |
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常规信息

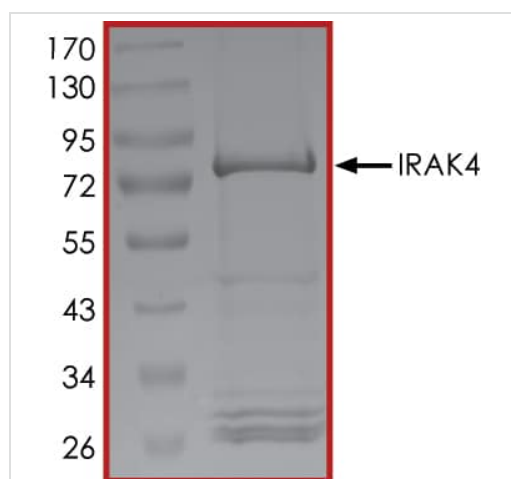
| | |
|--------------|---|
| 功能 | Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1. |
| 疾病相关 | Defects in IRAK4 are the cause of recurrent isolated invasive pneumococcal disease type 1 (IPD1) [MIM:610799]. Recurrent invasive pneumococcal disease (IPD) is defined as two episodes of IPD occurring at least 1 month apart, whether caused by the same or different serotypes or strains. Recurrent IPD occurs in at least 2% of patients in most series, making IPD the most important known risk factor for subsequent IPD. Defects in IRAK4 are the cause of IRAK4 deficiency (IRAK4D) [MIM:607676]. IRAK4 deficiency causes extracellular pyogenic bacterial and fungal infections in otherwise healthy children. |
| 序列相似性 | Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain. |

图片



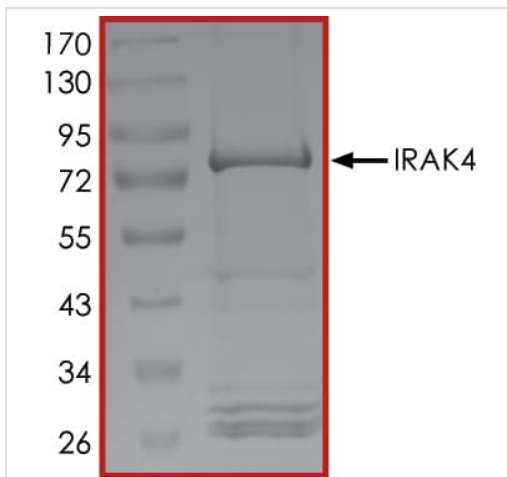
The specific activity of IRAK4 (ab60860) was determined to be 380.2 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human IRAK4 protein (ab60860)



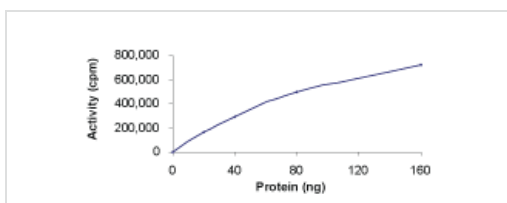
SDS PAGE analysis of ab60860

SDS-PAGE - Recombinant human IRAK4 protein (ab60860)



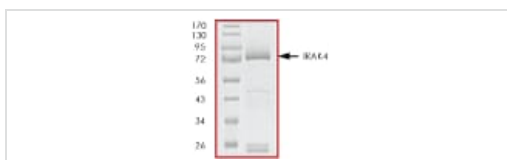
SDS PAGE analysis of ab60860

SDS-PAGE - Recombinant human IRAK4 protein (ab60860)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human IRAK4 protein (ab60860)



ab60860 on SDS-PAGE, MW ~81 kDa.

SDS-PAGE - Recombinant human IRAK4 protein (ab60860)

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