

Recombinant human IRAK4 protein ab79739

画像数 2

製品の詳細

製品名	Recombinant human IRAK4 protein
生理活性	Specific Activity: 18 pmol/min/μg.
精製度	> 95 % SDS-PAGE. Affinity purified.
発現系	Insect cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab79739** 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
製品の状態	Liquid

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. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 10% Glycerol (glycerin, glycerine), 2.32% 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

機能	Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1
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engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.

関連疾患

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.

配列類似性

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.

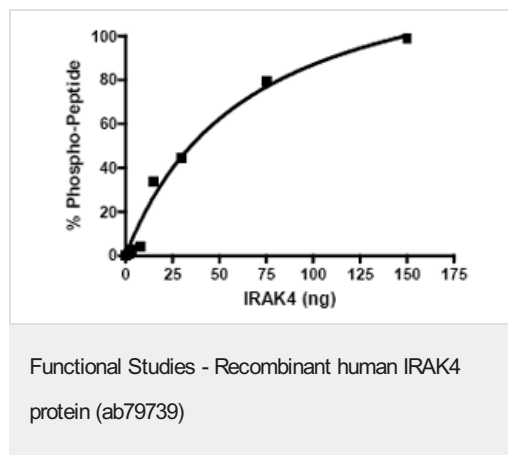
Contains 1 death domain.

Contains 1 protein kinase domain.

画像



10% SDS-PAGE showing ab79739 at approximately 77.5kDa (4μg).



Kinase assay: Specific activity 18 pmol/min/μg.

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

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