

Product datasheet

Recombinant human IRAK2 protein ab60859

5 Images

Description

<b>Product name</b>	Recombinant human IRAK2 protein
<b>Expression system</b>	Insect cells
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Tags</b>	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab60859** in the following tested applications.

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

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Form</b>	Liquid

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 0.3% Glutathione This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

<b>Function</b>	Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.
<b>Tissue specificity</b>	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.

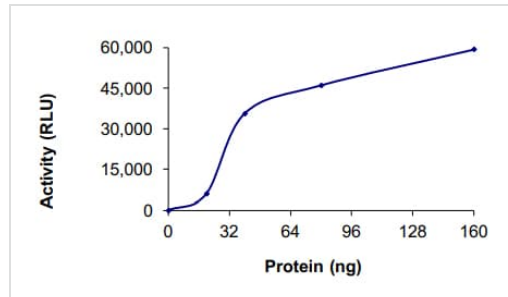
## Sequence similarities

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.  
Contains 1 death domain.  
Contains 1 protein kinase domain.

## Domain

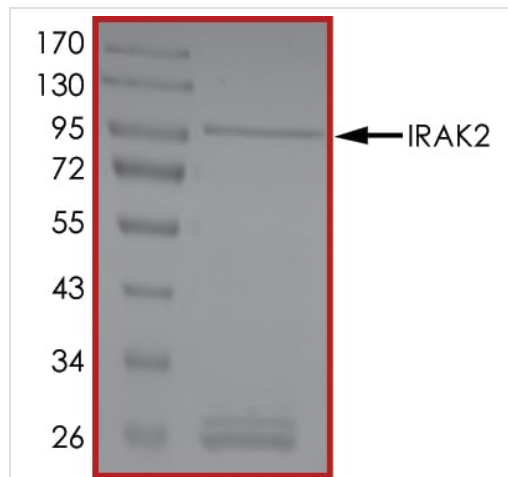
The protein kinase domain is predicted to be catalytically inactive.

## Images



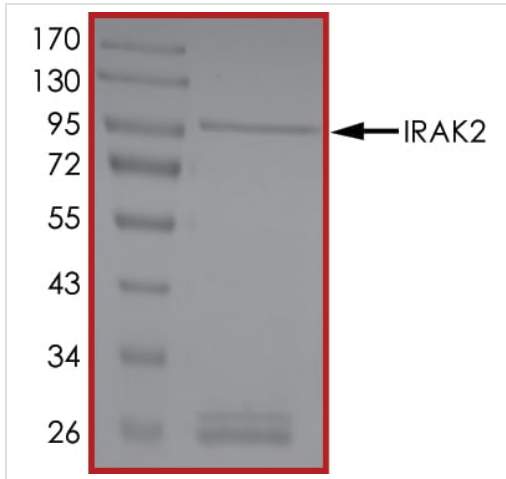
The specific activity of IRAK2 (ab60859) was determined to be 4.3 nmol/min/mg as per activity assay protocol and was equivalent to 5.1 nmol/min/mg as per radiometric assay

Functional Studies - Recombinant human IRAK2 protein (ab60859)



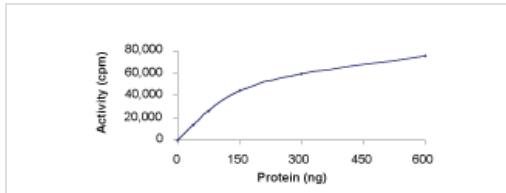
SDS PAGE analysis of ab60859

SDS-PAGE - Recombinant human IRAK2 protein (ab60859)



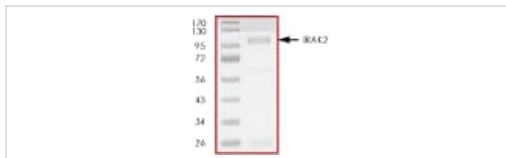
SDS PAGE analysis of ab60859

SDS-PAGE - Recombinant human IRAK2 protein (ab60859)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human IRAK2 protein (ab60859)



ab60859 on SDS-PAGE, MW ~103 kDa.

SDS-PAGE - Recombinant human IRAK2 protein (ab60859)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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