

## Datasheet for ABIN6700180 **IRAK3 Protein (GST tag)**



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### Overview

Quantity:	20 µg
Target:	IRAK3
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRAK3 protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	IRAK3 recombinant protein-GST fusion protein
Purification:	Recombinant full-length human IRAK3 was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >80% by densitometry.
Purity:	>80%

### Target Details

Target:	IRAK3
Alternative Name:	IRAK3 ( <a href="#">IRAK3 Products</a> )
Background:	Synonyms: IRAK-M, Interleukin-1 receptor-associated kinase 3, IRAK-3, EC 2.7.11.1, IL-1 receptor-associated kinase M Background: IRAK3 or interleukin-1 receptor-associated kinase 3 is a member of the interleukin-

## Target Details

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1 receptor-associated kinase protein family which is essential components of the Toll/IL-R immune signal transduction pathways. IRAK3 is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling (1). IRAKM mediates critical aspects of innate immunity that result in an immunocompromised state during sepsis (2). Mutations in IRAK3 are associated with a susceptibility to asthma. IRAK3 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Inflammation, NfκB Pathway, p38 Pathway, and Ser/Thr Kinases research.

Pathways: [TLR Signaling, Activation of Innate immune Response, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: IRAK3 Protein is suitable for use in Western Blot. Expect a band approximately ~96 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.1 µg/µL

Buffer: IRAK3 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months