



IRAK4 blocking peptide (CDBP5591)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	IRAK4 interleukin-1 receptor-associated kinase 4 [Homo sapiens (human)]
Official Symbol	IRAK4
Synonyms	IRAK4; interleukin-1 receptor-associated kinase 4; IPD1; REN64; IRAK-4; NY-REN-64; renal carcinoma antigen NY-REN-64
Entrez Gene ID	51135
mRNA Refseq	NM_001114182

Protein Refseq	NP_001107654
UniProt ID	Q9NWZ3
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; Apoptosis; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system; IL-1 Signaling Pathway; IL1-mediated signaling events; Immune System
Function	ATP binding; interleukin-1 receptor binding; magnesium ion binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity