



IRAK3 blocking peptide (CDBP5592)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
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	IRAK3 interleukin-1 receptor-associated kinase 3 [Homo sapiens (human)]
Official Symbol	IRAK3
Synonyms	IRAK3; interleukin-1 receptor-associated kinase 3; ASRT5; IRAKM; IL-1 receptor-associated kinase M
Entrez Gene ID	11213

mRNA Refseq	NM_001142523
Protein Refseq	NP_001135995
UniProt ID	Q9Y616
Pathway	Activated TLR4 signalling; Apoptosis; Cytokine Signaling in Immune system; IL1-mediated signaling events; Immune System; Innate Immune System; Interleukin-1 signaling; MyD88:Mal cascade initiated on plasma membrane
Function	ATP binding; magnesium ion binding; protein heterodimerization activity; protein homodimerization activity; protein serine/threonine kinase activity
