



## IRAK2 blocking peptide (CDBP5590)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">IRAK2 interleukin-1 receptor-associated kinase 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IRAK2
<b>Synonyms</b>	IRAK2; interleukin-1 receptor-associated kinase 2; IRAK-2; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2
<b>Entrez Gene ID</b>	<a href="#">3656</a>
<b>mRNA Refseq</b>	<a href="#">NM_001570</a>

Protein Refseq

[NP\\_001561](#)

UniProt ID

O43187

Pathway

Activated TLR4 signalling; Apoptosis; Cytokine Signaling in Immune system; IL-1 Signaling Pathway; IRAK2 mediated activation of TAK1 complex; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation; Immune System; Innate Immune System

Function

ATP binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity