



Human IRAK2 blocking peptide (CDBP1615)

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

PRODUCT INFORMATION

Product Overview	IRAK2 peptide (human)
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	Preservative: 0.02% Sodium Azide; Constituents: 0.1% BSA, PBS. pH 7.2
Preservative	0.02% Sodium Azide
Storage	Upon Receipt - Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	IRAK2 interleukin-1 receptor-associated kinase 2 [Homo sapiens]
Official Symbol	IRAK2
Synonyms	IRAK2; interleukin-1 receptor-associated kinase 2; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2; IRAK-2; MGC150550;

Entrez Gene ID	3656
mRNA Refseq	NM_001570
Protein Refseq	NP_001561
UniProt ID	O43187
Chromosome Location	3p25.2
Pathway	Activated TLR4 signalling, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IL-1 Signaling Pathway, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; transferase activity, transferring phosphorus-containing groups;