



Human IRAK1 blocking peptide (CDBP1614)

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

PRODUCT INFORMATION

Product Overview	IRAK (C - term) peptide (human)
Antigen Description	This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
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

GENE INFORMATION

Gene Name	IRAK1 interleukin-1 receptor-associated kinase 1 [Homo sapiens (human)]
Official Symbol	IRAK1
Synonyms	IRAK1; interleukin-1 receptor-associated kinase 1; IRAK; pelle; IRAK-1; Pelle homolog;

Entrez Gene ID	3654
mRNA Refseq	NM_001025242.1
Protein Refseq	NP_001020413.1
UniProt ID	P51617
Chromosome Location	Xq28
Pathway	Activated TLR4 signalling, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; EBV LMP1 signaling, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosyste
Function	ATP binding; NF-kappaB-inducing kinase activity; interleukin-1 receptor binding; kinase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein homodimerization activity; protein kinase activity; protein