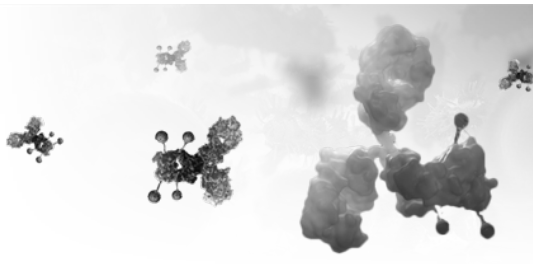

Human MYD88 peptide (DAG-P0045)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]
Specificity	Ubiquitous.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 death domain.Contains 1 TIR domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MYD88 myeloid differentiation primary response 88 [Homo sapiens (human)]
Official Symbol	MYD88
Synonyms	MYD88; myeloid differentiation primary response 88; MYD88D; myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88);
Entrez Gene ID	4615

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mRNA Refseq	NM_001172566.1
Protein Refseq	NP_001166037.1
UniProt ID	Q99836
Chromosome Location	3p22
Pathway	AGE/RAGE pathway, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved 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 Im
Function	TIR domain binding; death receptor binding; identical protein binding; protein binding;

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