

Recombinant Full Length Human MYD88 Protein, GST-tagged

Cat. No. MYD88-6731HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYD88 full-length ORF (AAH13589.1, 1 a.a. - 296 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	296 amino acids
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]
Molecular Mass	58.3 kDa
AA Sequence	MAAGGPGAGSAAPVSSTSSLPLAALNMRVRRRLSLFLNVRTQVAADWTALAEEMD FEYLEIRQLETQADPTGRLLDAWQGRPGASVGRLLLELLTKLGRDDVLLELGPSIEED CQKYILKQQQEEAEKPLQVAAVDSSVPRTAELAGITTLDLPLGHMPERFADFICYCP SDIQFVQEMIRQLEQTNRYRLKLCVSDRDVLPGTCVWSIASSELIEKRCRRMVVVVSD YLQSKECDFQTKFALSLSPGAHQKRLIPIKYKAMKKEFPSILRSITVCDYTNPCKTSW

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	FWTRLAKALSLP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MYD88 myeloid differentiation primary response gene (88) [Homo sapiens]
Official Symbol	MYD88
Synonyms	MYD88; myeloid differentiation primary response gene (88); myeloid differentiation primary response protein MyD88; MYD88D;
Gene ID	4615
mRNA Refseq	NM_001172566
Protein Refseq	NP_001166037
MIM	602170
UniProt ID	Q99836

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