

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	<p>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]</p>
Molecular Mass	58.3 kDa
AA Sequence	<p>MAAGGPGAGSAAPVSSTSSLPLAALNMRVRRRLSLFLNVRTQVAADWTALAEEMD FEYLEIRQLETQADPTGRLLDAWQGRPGASVGRILLELLTKLGRDDVLELGPISIEED CQKYILKQQQEEAEKPLQVAAVDSSVPRTAELAGITTLDLDDPLGHMPERFDFAFICYCP SDIQFVQEMIRQLEQTNYRLKLCVSDRDVLPGTCVWSIASSELIEKRCRRMVVVVSDD YLQSKECDFQTKFALSLSPGAHQKRLIPIKYKAMKKEFPSILRSITVCDYTNPCTKSW</p>

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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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