

Recombinant Human MYD88 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. MYD88-272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MYD88 MS Standard C13 and N15-labeled recombinant protein (NP_002459) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	33.2 kDa
AA Sequence	MAAGGPGAGSAAPVSSTSSLPLAALNMRVRRRLSLFLNVRTQVAADWTALAEEMD FEYLEIRQLETQADPTGRLLDAWQGRPGASVGRLLLELLTKLGRDDVLELGPSEED CQKYILKQQQEEAEKPLQVAAVDSSVPRTAELAGITTLDLPLGHMPERFDFAFICYCP SDIQFVQEMIRQLEQTNYRLKLCVSDRDVLPGTCVWSIASSELIEKRCRRMVVVVSSD YLQSKECDFQTKFALSLSPGAHQKRLIPIKYKAMKKEFPSILRFITVCDYTNPCTKSW

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FWTRLAKALSLPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MYD88 myeloid differentiation primary response gene (88) [Homo sapiens (human)]

Official Symbol MYD88

Synonyms MYD88; myeloid differentiation primary response gene (88); myeloid differentiation primary response protein MyD88; MYD88D;

Gene ID 4615

mRNA Refseq NM_002468

Protein Refseq NP_002459

MIM 602170

UniProt ID Q99836

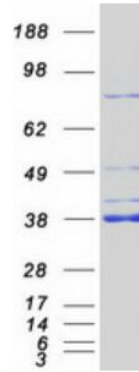
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SDS-PAGE



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