

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 CQKYILKQQQEEAEKPLQVAAVDSSVPRTAELAGITTLDPLGHMPERFDAFICYCP SDIQFVQEMIRQLEQTNRYRLKLCVSDRDVLPGTCVWSIASELIEKRCRRMVVVVSD 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.

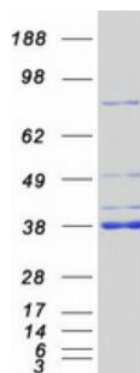
GENE INFORMATION

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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