

## Recombinant Human MYD88 protein, MYC/DDK-tagged

Cat. No. MYD88-30H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MYD88 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<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.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	33.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene Name</b>	MYD88 myeloid differentiation primary response gene (88) [ Homo sapiens ]
<b>Official Symbol</b>	MYD88
<b>Synonyms</b>	MYD88; myeloid differentiation primary response gene (88); myeloid differentiation primary response protein MyD88; MYD88D;
<b>Gene ID</b>	4615
<b>mRNA Refseq</b>	NM_002468
<b>Protein Refseq</b>	NP_002459
<b>MIM</b>	602170
<b>UniProt ID</b>	Q99836
<b>Chromosome Location</b>	3p22
<b>Function</b>	TIR domain binding; Toll binding; death receptor binding; identical protein binding; protein binding;

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