

Recombinant Chicken MYD88 Protein, His-tagged

Cat. No. MYD88-1147C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken MYD88 Protein (Arg34-Pro299) with His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Arg34-Pro299
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa; Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MYD88 myeloid differentiation primary response 88 [Gallus gallus (chicken)]
Official Symbol	MYD88
Synonyms	MYD88; myeloid differentiation primary response 88; myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88)
Gene ID	420420
mRNA Refseq	NM_001030962
Protein Refseq	NP_001026133
UniProt ID	A5HNF6

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