

MYD88 recombinant protein

MyD88 Fragment Recombinant Protein

CATALOG # AAA40473	HOST E. Coli	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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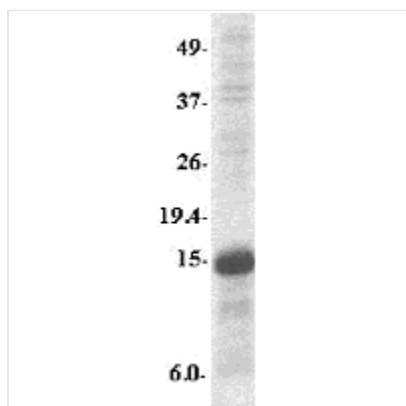
PRODUCT SYNONYMS

MyD88; MyD88 Fragment Recombinant Protein; MyD88 Antibody : MYD88D; myeloid differentiation primary response gene (88); MYD88 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Reactivity	Human
Purity/Purification	~95%
Form/Format	Liquid; 1X PBS containing 0.1% SDS and 0.02% NaN ₃
Sequence	aa 176-280
Sequence Length	296
Applicable Applications for MYD88 recombinant protein	WB (Western Blot), ELISA
Fusion Tag	Fusion Partner: His-tag and strepII-tag at N-terminus
Preparation and Storage	Store in working aliquots at -70°C. Avoid freeze/thaw cycles. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature. Shipping: Dry Ice.

IMAGES



SDS-PAGE

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ADDITIONAL INFORMATION

Related Product Information for MYD88 recombinant protein	The pro-inflammatory cytokine IL-1 induced cellular response requires IL-1 receptor complex including IL-1RI and IL-1RAcP. MyD88 has been identified as an adapter molecule in the IL-1 signaling pathway (1). MyD88 associates with and recruits IRAK to the IL-1 receptor complex in response to IL-1 treatment and dominant negative form of MyD88 attenuates IL-1R-mediated NF-?B activation. MyD88 is also employed as a regulator molecule by IL-18 receptor and human Toll receptor (2,3), which are members in the Toll/IL-1R family of receptors. Targeted disruption of the MyD88 gene results in lose of cellular responses to IL-1 and IL-18, and MyD88-deficient mice lack responses to bacterial product LPS that employs Toll-like receptors 2 and 4 (TLR2 and TLR4) as the signaling receptors. MyD88 is a general adapter protein for the Toll/IL-1R family of receptors and plays an important role in the inflammatory response induced by cytokines IL-1 and IL-18 and endotoxin. MyD88 gene is expressed in many tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1814020
NCBI GeneID	4615
UniProt Accession #	Q99836; P78397; Q53XS7; B4DKH8; B4DKU4; B4DQ60; B4DQ72; J3KPU4; J3KQ87; J3KQJ6
Molecular Weight	15 kDa (Calculated)
NCBI Official Full Name	MyD88
NCBI Official Synonym Full Names	myeloid differentiation primary response 88
NCBI Official Symbol	MYD88
NCBI Official Synonym Symbols	MYD88D
NCBI Protein Information	myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88)
UniProt Protein Name	Myeloid differentiation primary response protein MyD88
UniProt Gene Name	MYD88
UniProt Entry Name	MYD88_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/myd88-recombinant-protein-e-coli-wb-western-blot-elisa/40473>