

Product datasheet

Recombinant Human MyD88 protein ab114217

1 Image

Description

Product name	Recombinant Human MyD88 protein
Expression system	Wheat germ
Accession	<u>Q99836</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RRLSLFLNVRTQVAADWTALAEEMDFEYLEIRQLETQADP TGRLLDAWQG RPGASVGRILLELLTKLGRDDVLELGPSIEEDCQKYILKQQ QEEAEKPLQ
Predicted molecular weight	37 kDa including tags
Amino acids	31 to 130

Specifications

Our **Abpromise guarantee** covers the use of **ab114217** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid

Additional notes

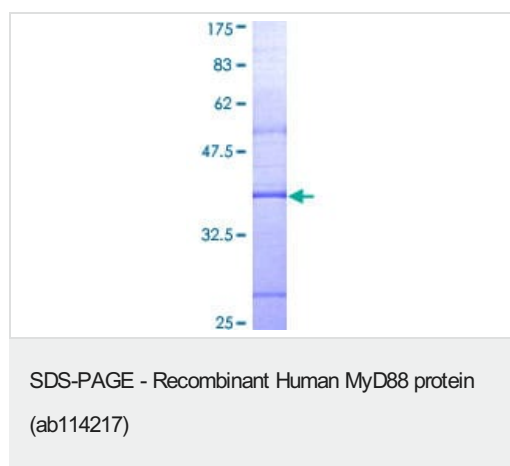
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Increases IL-8 transcription. Involved in IL-18-mediated signaling pathway.
Tissue specificity	Ubiquitous.
Involvement in disease	Defects in MYD88 are the cause of MYD88 deficiency (MYD88D) [MIM:612260]; also known as recurrent pyogenic bacterial infections due to MYD88 deficiency. Patients suffer from autosomal recessive, life-threatening, often recurrent pyogenic bacterial infections, including invasive pneumococcal disease, and die between 1 and 11 months of age. Surviving patients are otherwise healthy, with normal resistance to other microbes, and their clinical status improved with age.
Sequence similarities	Contains 1 death domain. Contains 1 TIR domain.
Domain	The intermediate domain (ID) is required for the phosphorylation and activation of IRAK.
Cellular localization	Cytoplasm.

Images



ab114217 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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