

Product datasheet for **AR50718PU-N**

MYD88 (1-309, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MYD88 (1-309, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMRPD RAEAPGPPAM AAGGPGAGSA APVSSTSSLP LAALNMRVRR RLSLFLNVRT QVAADWTALA EEMDFEYLEI RQLETQADPT GRLLDAWQGR PGASVGRLLLE LLTKLGRDDV LLELGPSIEE DCQKYILKQQ QEEAEKPLQV AAVDSSVPRT AELAGITTLD DPLGHMPERF DAFICYCPSD IQFVQEMIRQ LEQTNRYLKL CVSDRDVLPG TCVWSIASEL IEKRCRRMVV VVSDDYLQSK ECDFQTKFAL SLSPGAHQKR LIPIKYKAMK KEFPSILRFI TVCDYTNPCT KSWFWTRLAK ALSLP
Tag:	His-tag
Predicted MW:	38.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYD88 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002459.2
Locus ID:	4615
UniProt ID:	Q99836 , A0A0A0MS70
Cytogenetics:	3p22.2
Synonyms:	IMD68; MYD88D



[View online »](#)

Summary:

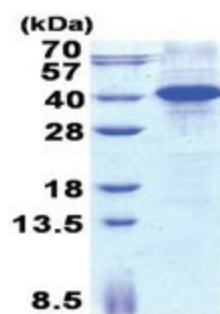
This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory 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]

Protein Families:

Druggable Genome

Protein Pathways:

Apoptosis, Toll-like receptor signaling pathway

Product images:

15% SDS-PAGE (3ug)