

Product datasheet for **TP302253L**

MYD88 (NM_002468) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myeloid differentiation primary response gene (88) (MYD88), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202253 protein sequence Red =Cloning site Green =Tags(s)

MAAGGPGAGSAAPVSTSSLPLAALNMRVRRRLSFLNVRTQVAADWTALAEEMDFEYLEIRQLETQADP
TGRLLDAWQGRPGASVGRLELLTKLGRDDVLELGPSEEDCQKYLKQQEEAEKPLQVAAVDSSVPR
TAELAGITLDDPLGHMPERFDFAFICYPSDIQFVQEMIRQLEQTNYRLKLCVSDRDVLPGTCVWSIASE
LIEKRCRRMVVVSDDYLSKECDFQTKFALSPLGAHQKRLIPIKYKAMKKEFPSILRFITVCDYTNPC
TKSWFWTRLAKALSLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_002459</u>
Locus ID:	4615



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UniProt ID: [Q99836](#), [A0A0A0MS70](#)

RefSeq Size: 2862

Cytogenetics: 3p22.2

RefSeq ORF: 888

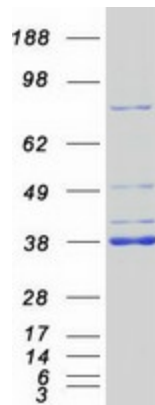
Synonyms: IMD68; MYD88D

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:



Coomassie blue staining of purified MYD88 protein (Cat# [TP302253]). The protein was produced from HEK293T cells transfected with MYD88 cDNA clone (Cat# [RC202253]) using MegaTran 2.0 (Cat# [TT210002]).