

Product datasheet for **KN202253LP**

MYD88 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	MYD88
Locus ID:	4615
Components:	KN202253G1 , MYD88 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN202253G2 , MYD88 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN202253LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_001172566](#), [NM_001172567](#), [NM_001172568](#), [NM_001172569](#), [NM_002468](#),
[NM_001365877](#), [NM_001365876](#)

UniProt ID: [Q99836](#)

Synonyms: 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]



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Product images:

