

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
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:

