

Product datasheet for **KN202532RB**

Mesothelin (MSLN) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Mesothelin
Locus ID:	10232
Components:	<p>KN202532G1, Mesothelin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202532G2, Mesothelin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202532RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001177355 , NM_005823 , NM_013404
UniProt ID:	Q13421
Synonyms:	MPF; SMRP
Summary:	<p>This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]</p>



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Product images:

