

## Product datasheet for **KN222453**

### ADAM9 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	ADAM9
Locus ID:	8754
Components:	<b>KN222453G1</b> , ADAM9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN222453G2</b> , ADAM9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN222453D</b> , donor DNA containing left and right homologous arms and GFP-puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001005845</a> , <a href="#">NM_003816</a> , <a href="#">NR_027638</a> , <a href="#">NR_027639</a> , <a href="#">NR_027878</a>
UniProt ID:	<a href="#">Q13443</a>
Synonyms:	KIAA0021; MCMP; MDC9; Mltng
Summary:	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jul 2010]



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Product images:

