

Product datasheet for **KN208252RB**

ADA2 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:	ADA2
Locus ID:	51816
Components:	KN208252G1 , ADA2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN208252G2 , ADA2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208252RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001282225 , NM_001282226 , NM_001282227 , NM_001282228 , NM_001282229 , NM_017424 , NM_177405
UniProt ID:	Q9NZK5
Synonyms:	ADA2; ADGF; IDGFL; PAN; SNEDS
Summary:	This gene encodes a member of a subfamily of the adenosine deaminase protein family. The encoded protein is one of two adenosine deaminases found in humans, which regulate levels of the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]



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Product images:
