

## Product datasheet for **KN208252BN**

### ADA2 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	ADA2
Locus ID:	51816
Components:	<b>KN208252G1</b> , ADA2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN208252G2</b> , ADA2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN208252BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_001282225</a> , <a href="#">NM_001282226</a> , <a href="#">NM_001282227</a> , <a href="#">NM_001282228</a> , <a href="#">NM_001282229</a> , <a href="#">NM_017424</a> , <a href="#">NM_177405</a>
UniProt ID:	<a href="#">Q9NZK5</a>
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:

