

Product datasheet for **KN214351BN**

ADCY7 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:	ADCY7
Locus ID:	113
Components:	<p>KN214351G1, ADCY7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN214351G2, ADCY7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN214351BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	<u>NM_001114</u> , <u>NM_001286057</u>
UniProt ID:	<u>P51828</u>
Synonyms:	AC7
Summary:	<p>This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. Several transcript variants have been observed for this gene, but the full-length natures of only two have been determined so far. [provided by RefSeq, Oct 2013]</p>



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Product images:

