

Product datasheet for **KN208674RB**

ApoER2 (LRP8) 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:	ApoER2
Locus ID:	7804
Components:	KN208674G1 , ApoER2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN208674G2 , ApoER2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208674RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001018054 , NM_004631 , NM_017522 , NM_033300
UniProt ID:	Q14114
Synonyms:	APOER2; HSZ75190; LRP-8; MCI1
Summary:	This gene encodes a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. The encoded protein plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of this gene may be a marker for major depressive disorder. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2011]



[View online »](#)

Product images:

