

Product datasheet for **KN210359BN**

Serine racemase (SRR) 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:	Serine racemase
Locus ID:	63826
Components:	KN210359G1 , Serine racemase gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN210359G2 , Serine racemase gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN210359BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_001304803 , NM_021947
UniProt ID:	Q9GZT4
Synonyms:	ILV1; ISO1
Summary:	Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine. [UniProtKB/Swiss-Prot Function]



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Product images:

