

Product datasheet for KN201562LP

ELAVL1 Human Gene Knockout Kit (CRISPR)

Product data:

OriGene Technologies, Inc.

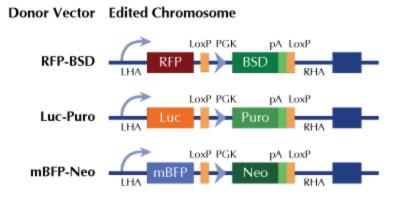
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	ELAVL1
Locus ID:	1994
Components:	 KN201562G1, ELAVL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN201562G2, ELAVL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201562LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003, scramble sequence in pCas-Guide vector
RefSeq:	<u>NM 001419</u>
UniProt ID:	<u>Q15717</u>
Synonyms:	ELAV1; Hua; HUR; MelG
Summary:	The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy. [provided by RefSeq, Sep 2012]



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Product images:



RFP, Luc, and mBFP will be under native gene promoter

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