

Product datasheet for **KN213843RB**

Nesprin 2 (SYNE2) 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:	Nesprin 2
Locus ID:	23224
Components:	KN213843G1 , Nesprin 2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN213843G2 , Nesprin 2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN213843RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_015180](#), [NM_182910](#), [NM_182912](#), [NM_182913](#), [NM_182914](#)

UniProt ID: [Q8WXH0](#)

Synonyms: EDMD5; Nesp2; Nesprin-2; NUA; NUANCE; SYNE-2; TROPH

Summary: The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]



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Product images:

