

Product datasheet for **KN205623BN**

EIF4A2 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:	EIF4A2
Locus ID:	1974
Components:	KN205623G1 , EIF4A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205623G2 , EIF4A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205623BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001967
UniProt ID:	Q14240
Synonyms:	BM-010; DDX2B; eIF-4A-II; EIF4A; eIF4A-II; EIF4F
Summary:	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.[UniProtKB/Swiss-Prot Function]



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Product images:

