

Product datasheet for **KN207546BN**

Calcium independent Phospholipase A2 (PLA2G6) 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:	Calcium independent Phospholipase A2
Locus ID:	8398
Components:	KN207546G1 , Calcium independent Phospholipase A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN207546G2 , Calcium independent Phospholipase A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN207546BND , 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_001004426 , NM_001199562 , NM_003560 , NM_001349864 , NM_001349865 , NM_001349866 , NM_001349867 , NM_001349868 , NM_001349869
UniProt ID:	O60733
Synonyms:	Cal-PLA2; GVI; INAD1; iPLA2; IPLA2-VIA; iPLA2beta; NBIA2; NBIA2A; NBIA2B; PARK14; PLA2; PNPLA9
Summary:	The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only three of them have been determined to date. [provided by RefSeq, Dec 2010]



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Product images:

