

## Product datasheet for **KN209446BN**

### LYPLA3 (PLA2G15) 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:	LYPLA3
Locus ID:	23659
Components:	<b>KN209446G1</b> , LYPLA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209446G2</b> , LYPLA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209446BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_012320</a> , <a href="#">NM_001363551</a>
UniProt ID:	<a href="#">Q8NCC3</a>
Synonyms:	ACS; GXVPLA2; LLPL; LPLA2; LYPLA3
Summary:	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene hydrolyzes lysophosphatidylcholine to glycerophosphorylcholine and a free fatty acid. This enzyme is present in the plasma and thought to be associated with high-density lipoprotein. A later paper contradicts the function of this gene. It demonstrates that this gene encodes a lysosomal enzyme instead of a lysophospholipase and has both calcium-independent phospholipase A2 and transacylase activities. [provided by RefSeq, Jul 2008]



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## Product images:

