

## Product datasheet for **KN209446LP**

### LYPLA3 (PLA2G15) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	LYPLA3
Locus ID:	23659
Components:	<p><b>KN209446G1</b>, LYPLA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209446G2</b>, LYPLA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209446LPD</b>, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_012320</a> , <a href="#">NM_001363551</a>
UniProt ID:	<a href="#">Q8NCC3</a>
Synonyms:	ACS; GXVPLA2; LLPL; LPLA2; LYPLA3
Summary:	<p>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]</p>



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## Product images:

