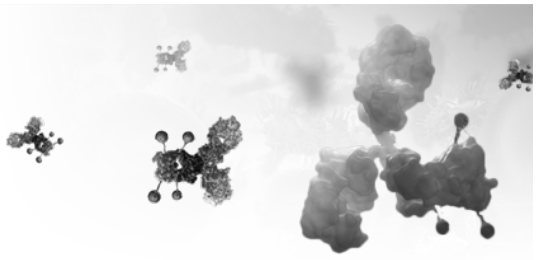

Human LIPE peptide (DAG-P0635)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene has a long and a short form, generated by use of alternative translational start codons. The long form is expressed in steroidogenic tissues such as testis, where it converts cholesteryl esters to free cholesterol for steroid hormone production. The short form is expressed in adipose tissue, among others, where it hydrolyzes stored triglycerides to free fatty acids. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the GDXG lipolytic enzyme family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LIPE lipase, hormone-sensitive [Homo sapiens (human)]
Official Symbol	LIPE
Synonyms	LIPE; lipase, hormone-sensitive; HSL; LHS; hormone-sensitive lipase; hormone-sensitive lipase testicular isoform;
Entrez Gene ID	3991
mRNA Refseq	NM_005357.3

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Protein Refseq	NP_005348.2
UniProt ID	A8K8W7
Chromosome Location	19q13.2
Pathway	AMPK signaling, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Fatty Acid Beta Oxidation, organism-specific biosystem; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Metabolism, organism-specific bi
Function	hormone-sensitive lipase activity; protein binding; protein kinase binding; triglyceride lipase activity;

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