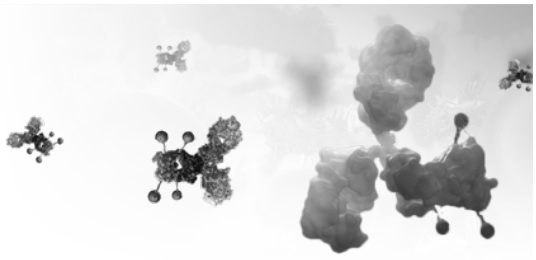

Human CERS1 blocking peptide (CDBP1729)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LASS1 antibody
Antigen Description	This gene encodes a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site that is cleaved to produce a mature protein containing seven conserved cysteine residues. Members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in yeast suggest that the encoded protein is involved in aging. This protein is transcribed from a monocistronic mRNA as well as a bicistronic mRNA, which also encodes growth differentiation factor 1. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CERS1 ceramide synthase 1 [Homo sapiens (human)]
Official Symbol	CERS1
Synonyms	CERS1; ceramide synthase 1; LAG1; UOG1; LASS1; protein UOG-1; upstream of GDF1;

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	longevity assurance gene 1 protein homolog 1; longevity assurance (LAG1, S. cerevisiae) homolog 1;
Entrez Gene ID	10715
mRNA Refseq	NM_001290265.1
Protein Refseq	NP_001277194.1
UniProt ID	P27544
Chromosome Location	19p12
Pathway	Ceramide biosynthesis, organism-specific biosystem; Ceramide biosynthesis, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid de novo biosynthesis, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, conserved biosystem; Sphingosine biosynthesis, organism-specific biosystem; Sphingosine biosynthes
Function	molecular_function; sphingosine N-acyltransferase activity;

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