

AP05285CP-N**Lass1 (Cross reacts with GDF1) control peptide**

Alternate names:	LAG1, LAG1 longevity assurance homolog 1, LASS1, Longevity assurance gene 1 protein homolog 1, UOG1
Quantity:	50 µg
Concentration:	Lot specific
Background:	LAG1 is a longevity gene, the first such gene to be identified. Originally cloned from the yeast <i>Saccharomyces cerevisiae</i> . A close homolog of this gene, LAC1, has been found in the yeast genome. The human homolog of LAG1 has functions in human aging. LAG1 may be involved in neurodegenerative diseases and human aging. Lass1 may be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing mainly one fatty acid donor (N-linked stearyl- (C18) ceramide) in a fumonisin B1-independent manner. Located in the endoplasmic reticulum membrane; Lass1 is a multi-pass membrane protein.
Uniprot ID:	P27544
NCBI:	NP_067090.1
GeneID:	10715
Immunogen:	Synthetic peptide derived from the human Lass1 protein.
Format:	State: Liquid purified peptide Buffer System: Phosphate buffered saline with 0.08% sodium azide
Applications:	Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Control peptide for antibodies AP05285* only.
Storage:	Store at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.