

AP05284CP-N**Lass2 control peptide****Alternate names:**

LAG1 longevity assurance homolog 2, LASS2, SP260, TMSG1, Tumor metastasis-suppressor gene 1 protein

Quantity:

50 µg

Concentration:

Lot specific

Background:

LASS2 (LAG1 homolog, ceramide synthase 2) has sequence similarity to yeast longevity assurance gene 1. It is thought to be involved in sphingolipid synthesis. Expression of LASS2 is transiently increased during the period of active myelination and is specifically localized to white matter tracts of the brain, including the Schwann cells of sciatic nerves suggesting that LASS2 is important for the synthesis of dihydroceramide used for synthesis of myelin sphingolipids. Expression of LASS2 in hepatocellular carcinoma cell lines suppresses the growth of cancer cells.

Uniprot ID:[Q96G23](#)**NCBI:**[NP_071358.1](#)**GeneID:**[29956](#)**Format:****State:** Liquid purified peptide**Buffer System:** Phosphate buffered saline**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 AP05284PU-N and AP05284SU-N only.

Storage:

Store at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.