

HYAL2 抗原（重组蛋白）

中文名称： HYAL2 抗原（重组蛋白）

英文名称： HYAL2 Antigen (Recombinant Protein)

别 名： hyaluronoglucosaminidase 2; LUCA2

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 21-300 amino acids of human HYAL2

技术规格

Full name:	hyaluronoglucosaminidase 2
Synonyms:	LUCA2
Swissprot:	Q12891
Gene Accession:	BC000692
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a weak acid-active hyaluronidase. The encoded protein is similar in structure to other more active hyaluronidases. Hyaluronidases degrade hyaluronan, one of the major glycosamino glycans of the extracellular matrix. Hyaluronan and fragments of hyaluronan are thought to be involved in cell proliferation, migration and differentiation. Although it was previously thought to be a lysosomal hyaluronidase that is active at a pH below 4, the encoded protein is likely a GPI-anchored cell surface protein. This hyaluronidase serves as a receptor for the oncogenic virus Jaagsiekte sheep retrovirus. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. This gene e

ncodes two alternatively spliced transcript variants which differ only in the 5' UTR.