

HYAL3 抗原（重组蛋白）

中文名称： HYAL3 抗原（重组蛋白）

英文名称： HYAL3 Antigen (Recombinant Protein)

别名： hyaluronoglucosaminidase 3; LUCA3; HYAL-3; LUCA-3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 21-249 amino acids of human HYAL3

技术规格

Full name:	hyaluronoglucosaminidase 3
Synonyms:	LUCA3; HYAL-3; LUCA-3
Swissprot:	O43820
Gene Accession:	BC012892
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 member of the hyaluronidase family. Hyaluronidases are endoglycosidase enzymes that degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. The regulated turnover of hyaluronan plays a critical role in many biological processes including cell proliferation, migration and differentiation. The encoded protein may also play an important role in sperm function. This gene is one of several related genes

in a region of chromosome 3p21.3 associated with tumor suppression, and the expression of specific transcript variants may be indicative of tumor status. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and some isoforms may lack hyaluronidase activity. This gene overlaps and is on the same strand as N-acetyltransferase 6 (GCN5-related), and some transcripts of each gene share a portion of the first exon.