

Recombinant Human HYAL3

Catalog No: #GP11651



Package Size: #GP11651-1 100ug

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Description

Product Name	Recombinant Human HYAL3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-249 amino acids of human hyaluronoglucosaminidase 3
Target Name	hyaluronoglucosaminidase 3
Other Names	LUCA3; HYAL-3; LUCA-3
Accession No.	Swissprot:O43820Gene Accession:BC012892
Uniprot	O43820
GeneID	8372;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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