Recombinant Human HYAL2 Protein, GST-tagged

Cat. No. HYAL2-5221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HYAL2 partial ORF (NP_003764, 340 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. Varying functions have been described for this protein. It has been described as a lysosomal hyaluronidase which is active at a pH below 4 and specifically hydrolyzes high molecular weight hyaluronan. It has also been described as a GPI-anchored cell surface protein which does not display hyaluronidase activity but does serve 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 encodes two alternatively spliced transcript variants which differ only in the 5 UTR. [provided by RefSeq
Molecular Mass	36.74 kDa
AA Sequence	CQYLKDYLTRLLVPYVVNVSWATQYCSRAQCHGHGRCVRRNPSASTFLHLSTNSF RLVPGHAPGEPQLRPVGELSWADIDHLQTHFRCQCYLGWSGEQCQ

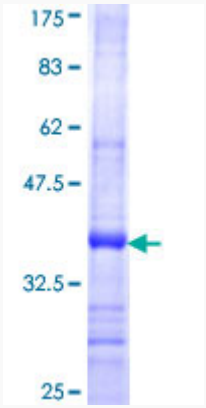
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HYAL2 hyaluronoglucosaminidase 2 [Homo sapiens]
Official Symbol	HYAL2
Synonyms	HYAL2; hyaluronoglucosaminidase 2; hyaluronidase-2; hyaluronidase 2; LuCa 2; LUCA2; lysosomal hyaluronidase; PH 20 homolog; hyal-2; PH20 homolog; PH-20 homolog; lung carcinoma protein 2; hyaluronoglucosaminidase-2;
Gene ID	8692
mRNA Refseq	NM_003773
Protein Refseq	NP_003764
MIM	603551
UniProt ID	Q12891

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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