Recombinant Human HYAL1 Protein, His-tagged

Cat. No. HYAL1-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HYAL1 (22-435 aa) protein with a C-terminal His-tag was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	22-435
Description	This gene encodes a lysosomal hyaluronidase. 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. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	46.9 kDa
Endotoxin	< 1 EU per 1 μg of protein (determined by LAL method)
Purity	> 90%

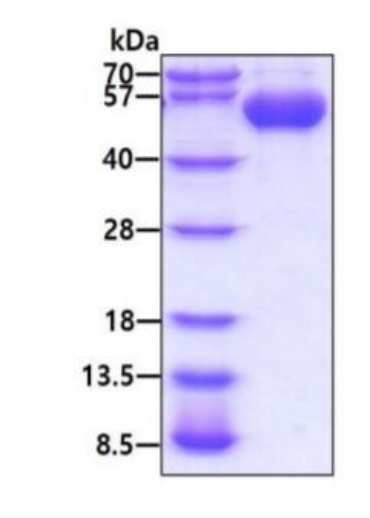
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Storage	Store at -20 centigrade
Handling	Centrifuge the vial prior to opening.
Shipping	Gel Pack

GENE INFORMATION

Gene Name	HYAL1 hyaluronidase 1 [Homo sapiens (human)]
Official Symbol	HYAL1
Synonyms	HYAL1; hyaluronidase 1; MPS9; NAT6; LUCA1; HYAL-1; hyaluronidase-1; hyaluronoglucosaminidase 1; luCa-1; lung carcinoma protein 1; plasma hyaluronidase; tumor suppressor LUCA-1
Gene ID	3373
mRNA Refseq	NM_033159
Protein Refseq	NP_149349
MIM	607071
UniProt ID	Q12794

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SDS-PAGE of HYAL1	 3 μg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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