

## Recombinant Human HYAL1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human HYAL1 (22-435 aa) protein with a C-terminal His-tag was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-435
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	46.9 kDa
<b>Endotoxin</b>	< 1 EU per 1 g of protein (determined by LAL method)
<b>Purity</b>	> 90%

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

## GENE INFORMATION

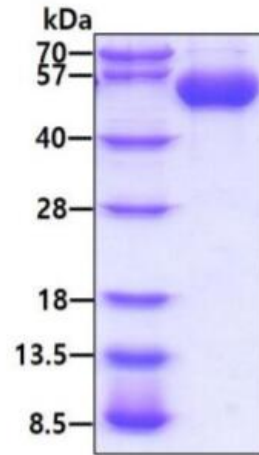
<b>Gene Name</b>	HYAL1 hyaluronidase 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HYAL1
<b>Synonyms</b>	HYAL1; hyaluronidase 1; MPS9; NAT6; LUCA1; HYAL-1; hyaluronidase-1; hyaluronoglucosaminidase 1; luCa-1; lung carcinoma protein 1; plasma hyaluronidase; tumor suppressor LUCA-1
<b>Gene ID</b>	3373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