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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HYAL1 (Human) Recombinant Protein (P01)

Catalog Number: H00003373-P01

Regulation Status: For research use only (RUO)

Product Description: Human HYAL1 full-length ORF (NP_695015.1, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MAGTLQLGRALRPRGLWGFYGFPCYNYDFLSPNYT
GQCPSGIRAQNDQLGWLWGQSRALYPSIYMPAVLEG
TGKSQMYVQHRVAEAFRVAVAAGDPNLPVLPYVQIFY
DTTNHFLPLDELEHSLGESAAQGAAGVVLWVSWENT
RTKESCQAIKEYMDTTLGPFILNVTSGALLCSQALCSG
HGRCVRRTSHPKALLLNPAFSIQLTPGGGPLSLRGA
LSLEDQAQMAVEFKCRCYPGWQAPWCERKSMW
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 54.4

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3373

Gene Symbol: HYAL1

Gene Alias: HYAL-1, LUCA1, MGC45987, NAT6

Gene Summary: 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. [provided by RefSeq]