

## Active Native Bovine Hyaluronidase

**Cat. No.** HYAL1-39B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Native Bovine Hyaluronidase                                                                                                                            |
| <b>Species</b>          | Bovine                                                                                                                                                        |
| <b>Description</b>      | May have a role in promoting tumor progression. May block the TGFB1-enhanced cell growth.                                                                     |
| <b>Form</b>             | A yellowish white powder                                                                                                                                      |
| <b>Bio-activity</b>     | 375.6 U/mg Protein                                                                                                                                            |
| <b>Unit definition</b>  | One unit of Hyaluronidase activity will cause a change in A600 of 0.330 per minute at pH 5.35 at 37 centigrade in a 2.0 mL reaction mixture (45 minute assay) |
| <b>Stability</b>        | At least 2 years.                                                                                                                                             |
| <b>Storage</b>          | Short-term: 4 centigrade Long-term: -20 centigrade Avoid repeated freeze-thaw cycles.                                                                         |
| <b>Storage Buffer</b>   | This enzyme is PBS based buffer                                                                                                                               |

### GENE INFORMATION

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>Gene Name</b> | HYAL1 hyaluronidase 1 [ Bos taurus (domestic cattle) ] |
|------------------|--------------------------------------------------------|

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|------------------------|------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">HYAL1</a>                                                                    |
| <b>Synonyms</b>        | HYAL1; hyaluronidase 1; hyaluronidase-1; hyal-1; hyaluronoglucosaminidase 1; EC 3.2.1.35 |
| <b>Gene ID</b>         | <a href="#">515397</a>                                                                   |
| <b>mRNA Refseq</b>     | <a href="#">NM_001017941</a>                                                             |
| <b>Protein Refseq</b>  | <a href="#">NP_001017941</a>                                                             |
| <b>UniProt ID</b>      | <a href="#">Q3T0A8</a>                                                                   |

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