

# Recombinant Human GH1 protein(27-217 aa), N-MBP & C-His-tagged

**Cat. No.** GH1-2514H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GH1 protein(P01241)(27-217 aa), fused with N-terminal MBP tag and C-terminal His tag, was expressed in HEK293.                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 27-217 aa                                                                                                                                                                                                   |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                            |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                           |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                               |
| <b>AA Sequence</b>      | FPTIPLSRLFDNAMLRAHRLHQLAFDTYQEFEEAYIPKEQKYSFLQNPQTSLCFSESI<br>PTPSNREETQQKSNLELLRISLLLIQSWLEPVQFLRSVFANSLVYGASDSNVYDLLKD<br>LEEGIQTLMGRLEDGSPRTGQIFKQTYSKFDTNSHNDDALLKNYGLLYCFRKDMDK<br>VETFLRIVQCRSVEGSCGF |

## GENE INFORMATION

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|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GH1 growth hormone 1 [ Homo sapiens ]                                                                     |
| <b>Official Symbol</b> | GH1                                                                                                       |
| <b>Synonyms</b>        | GH1; growth hormone 1; somatotropin; GH; GH N; GHN; hGH N; pituitary growth hormone; GH-N; hGH-N; IGHD1B; |
| <b>Gene ID</b>         | 2688                                                                                                      |
| <b>mRNA Refseq</b>     | NM_000515                                                                                                 |
| <b>Protein Refseq</b>  | NP_000506                                                                                                 |
| <b>MIM</b>             | 139250                                                                                                    |
| <b>UniProt ID</b>      | P01241                                                                                                    |

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