# Recombinant Human GDF9 protein, GST-tagged

**Cat. No.** GDF9-2953H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human GDF9 protein(O60383)(320-454aa), fused to N-terminal GST tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 320-454aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 42.5 kDa |
| **AA Sequence** | GQETVSSELKKPLGPASFNLSEYFRQFLLPQNECELHDFRLSFSQLKWDNWIVAPH RYNPRYCKGDCPRAVGHRYGSPVHTMVQNIIYEKLDSSVPRPSCVPAKYSPLSVLTI EPDGSIAYKEYEDMIATKCTCR |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

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| **Gene Name** | GDF9 growth differentiation factor 9 [ Homo sapiens ] |
| **Official Symbol** | GDF9 |
| **Synonyms** | GDF9; growth differentiation factor 9; growth/differentiation factor 9; GDF-9; |
| **Gene ID** | 2661 |
| **mRNA Refseq** | NM_005260 |
| **Protein Refseq** | NP_005251 |
| **MIM** | 601918 |
| **UniProt ID** | O60383 |

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