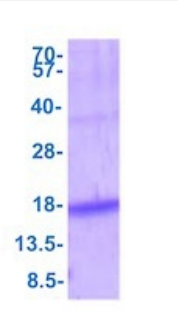
# Gdf5 (Mouse) Recombinant Protein

Catalog # P7744 Size 500 ug

## Applications




SDS-PAGE analysis of Gdf5 (Mouse) Recombinant Protein

## Specification

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|---|---|
| **Product Description** | Mouse Gdf5 (NP_032135, 376 a.a. - 495 a.a ) partial recombinant protein with His tag expressed in *Escherichia coli*. |
| **Sequence** | MGSSHHHHHHSSGLVPRGSHMGSAPLANRQGKRPSKNLKARCSRKALHVNFKDMGWDDWIIA PLEYEAFHCEGLCEFPLRSHLEPTNHAVIQTLMNSMDPESTPPTCCVPTRLSPISILFIDSANNVVY KQYEDMVVESCGCR |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 16 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Concentration** | 0.5mg/mL |
| **Purity** | > 90% by SDS-PAGE |
| **Quality Control Testing** | 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.<br>SDS-PAGE analysis of Gdf5 (Mouse) Recombinant Protein |
| **Recommend Usage** | SDS-PAGE<br>Denatured<br>The optimal working dilution should be determined by the end user. |

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|---|---|
| **Storage Buffer** | In 20 mM Tris-HCl buffer, pH 8.0 (10% glycerol). |
| **Storage Instruction** | Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing. |

## Applications

- SDS-PAGE

## Gene Info — Gdf5

| | |
|---|---|
| **Entrez GeneID** | 14563 |
| **Protein Accession#** | P43027 |
| **Gene Name** | Gdf5 |
| **Gene Alias** | Cdmp-1, bp, brp |
| **Gene Description** | growth differentiation factor 5 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | Growth/differentiation factor 5 precursor (GDF-5)\|OTTMUSP00000017076\|brachypodism\|cartilage-derived morphogenetic protein-1 |

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