## PRODUCT INFORMATION

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|---|---|
| **Target** | GDF15 |
| **Synonyms** | SBF; MIC-1; NAG-1 |
| **Description** | Recombinant mouse GDF15 Protein with C-terminal 3×Flag tag |
| **Delivery** | In Stock |
| **Uniprot ID** | Q9Z0J7 |
| **Expression Host** | HEK293 |
| **Tag** | C-3×Flag Tag |
| **Molecular Characterization** | Mouse GDF15(Met1-Ala303) 3×Flag tag |
| **Molecular Weight** | The protein has a predicted molecular mass of 36.2 kDa after removal of the signal peptide. |
| **Purity** | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| **Background** | This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress. Mice lacking a functional copy of this gene exhibit progressive loss of motor neurons, and more rapid blood clot formation. [provided by RefSeq, Aug 2016] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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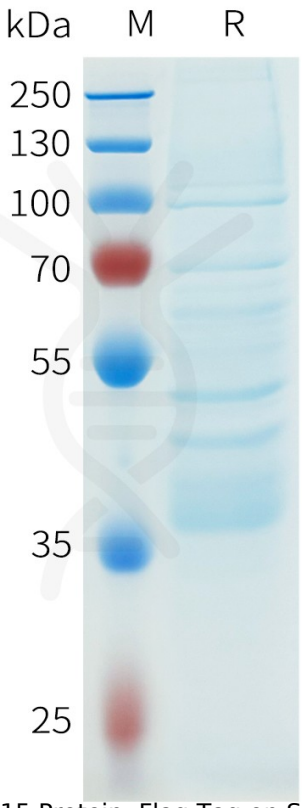



Figure 1. Mouse GDF15 Protein, Flag Tag on SDS-PAGE under reducing condition.

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