

PRODUCT INFORMATION

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| Target | GDF2 |
| Synonyms | BMP9; HHT5; BMP-9 |
| Description | Recombinant human GDF2 Protein with C-terminal 3×Flag tag |
| Delivery | In Stock |
| Uniprot ID | Q9UK05 |
| Expression Host | HEK293 |
| Tag | C-3×Flag Tag |
| Molecular Characterization | GDF2(Met1-Arg429) 3×Flag tag |
| Molecular Weight | The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 80% 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. This protein regulates cartilage and bone development, angiogenesis and differentiation of cholinergic central nervous system neurons. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia. [provided by RefSeq, Jul 2016] |
| Usage | Research use only |
| Conjugate | Unconjugated |



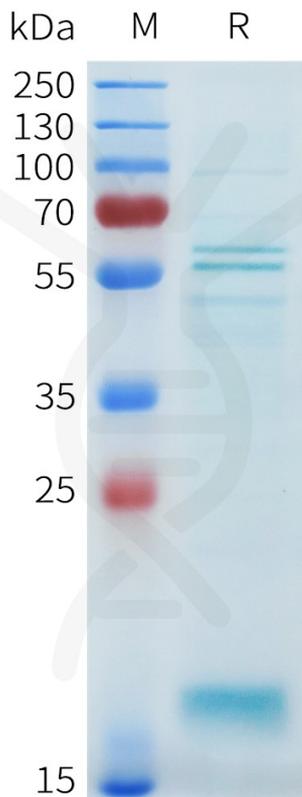


Figure 1. Human GDF2 Protein, Flag Tag on SDS-PAGE under reducing condition.

