

32-18575: Human GDF2 Protein, Flag Tag

Gene : GDF2

Uniprot ID : Q9UK05

Alternative Name : BMP9; HHT5; BMP-9, Recombinant human GDF2 Protein with C-terminal 3?Flag tag

Description

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]

Molecular Weight : The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide.

Tag : C-3?Flag Tag

Product Info

Amount : 50µg / 10µg

Purification : The purity of the protein is greater than 80% as determined by SDS-PAGE and Coomassie blue staining.

Content : 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 condition : 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.

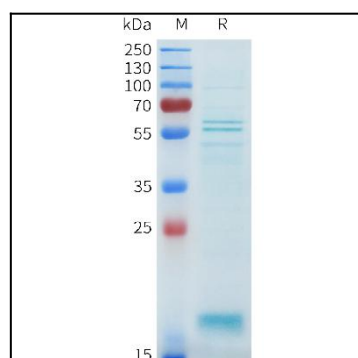


Figure 1. Human GDF2 Protein, Flag Tag on SDS-PAGE under reducing condition.