PRODUCT INFORMATION

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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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

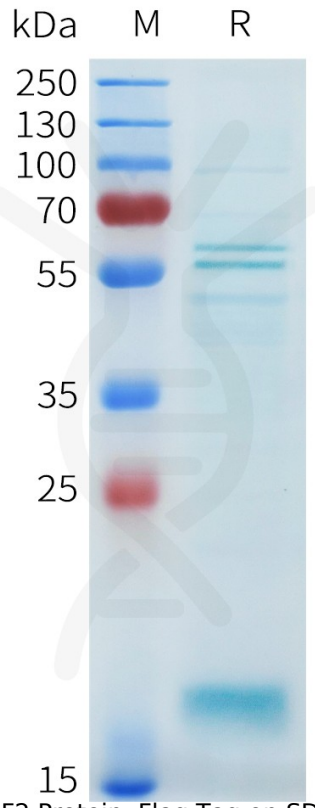

Figure 1. Human GDF2 Protein, Flag Tag on SDS-PAGE under reducing condition.

Email: info@dimabio.com
Phone:+1 978-912-0878
Website: www.dimabio.com