



# Human GDF2 blocking peptide (CDBP1351)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-GDF2/BMP9 antibody
<b>Antigen Description</b>	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. Mutations in this gene are associated with hereditary hemorrhagic telangiectasia. [provided by RefSeq, Jan 2014]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GDF2 growth differentiation factor 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GDF2

<b>Synonyms</b>	GDF2; growth differentiation factor 2; BMP9; HHT5; BMP-9; growth/differentiation factor 2; GDF-2; bone morphogenetic protein 9;
<b>Entrez Gene ID</b>	<a href="#">2658</a>
<b>mRNA Refseq</b>	<a href="#">NM_016204.2</a>
<b>Protein Refseq</b>	<a href="#">NP_057288.1</a>
<b>UniProt ID</b>	Q9UK05
<b>Chromosome Location</b>	10q11.22
<b>Pathway</b>	ALK1 signaling events, organism-specific biosystem;
<b>Function</b>	cytokine activity; growth factor activity; protein binding;