



GDF1 blocking peptide (CDBP5475)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes 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 that 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 is involved in the establishment of left-right asymmetry in early embryogenesis and in neural development in later embryogenesis. This protein is transcribed from a bicistronic mRNA that also encodes the longevity assurance gene. Mutations in this gene are associated with several congenital cardiovascular malformations. [provided by RefSeq, Mar 2014]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GDF1 growth differentiation factor 1 [Homo sapiens (human)]
Official Symbol	GDF1
Synonyms	GDF1; growth differentiation factor 1; RAI; DORV; DTGA3; embryonic growth/differentiation

factor 1; GDF-1

Entrez Gene ID	2657
mRNA Refseq	NM_001492
Protein Refseq	NP_001483
UniProt ID	P27539
Pathway	Developmental Biology; Signaling by NODAL
Function	cytokine activity; growth factor activity