



ANGPT2 blocking peptide (CDBP5058)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an antagonist of angiotensin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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	ANGPT2 angiotensin 2 [Homo sapiens (human)]
Official Symbol	ANGPT2
Synonyms	ANGPT2; angiotensin 2; ANG2; AGPT2; angiotensin-2; ANG-2; Tie2-ligand; angiotensin-2B; angiotensin-2a
Entrez Gene ID	285
mRNA Refseq	NM_00118887

Protein Refseq	NP_001112359
UniProt ID	O15123
Pathway	Angiopoietin receptor Tie2-mediated signaling; Cell surface interactions at the vascular wall; HIF-1 signaling pathway; Hemostasis; PI3K-Akt signaling pathway; Rap1 signaling pathway; Ras signaling pathway; Tie2 Signaling
Function	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding