



PAK6 blocking peptide (CDBP5883)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a family of p21-stimulated serine/threonine protein kinases, which contain an amino-terminal Cdc42/Rac interactive binding (CRIB) domain and a carboxyl-terminal kinase domain. These kinases function in a number of cellular processes, including cytoskeleton rearrangement, apoptosis, and the mitogen-activated protein (MAP) kinase signaling pathway. The protein encoded by this gene interacts with androgen receptor (AR) and translocates to the nucleus, where it is involved in transcriptional regulation. Changes in expression of this gene have been linked to prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]
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	PAK6 p21 protein (Cdc42/Rac)-activated kinase 6 [Homo sapiens (human)]
Official Symbol	PAK6
Synonyms	PAK6; p21 protein (Cdc42/Rac)-activated kinase 6; PAK5; serine/threonine-protein kinase PAK 6; p21(CDKN1A)-activated kinase 6

Entrez Gene ID	56924
mRNA Refseq	NM_001128628
Protein Refseq	NP_001122100
UniProt ID	Q9NQU5
Pathway	Activation of Rac; Androgen receptor signaling pathway; Axon guidance; Developmental Biology; ErbB signaling pathway; Focal Adhesion; Focal adhesion; Integrin-mediated cell adhesion
Function	ATP binding; protein serine/threonine kinase activity