



THEM4 blocking peptide (CDBP6274)

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

PRODUCT INFORMATION

Antigen Description	Protein kinase B (PKB) is a major downstream target of receptor tyrosine kinases that signal via phosphatidylinositol 3-kinase. Upon cell stimulation, PKB is translocated to the plasma membrane, where it is phosphorylated in the C-terminal regulatory domain. The protein encoded by this gene negatively regulates PKB activity by inhibiting phosphorylation. Transcription of this gene is commonly downregulated in glioblastomas. [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	THEM4 thioesterase superfamily member 4 [Homo sapiens (human)]
Official Symbol	THEM4
Synonyms	THEM4; thioesterase superfamily member 4; CTMP; acyl-coenzyme A thioesterase THEM4; acyl-CoA thioesterase THEM4; C-terminal modulator protein; carboxyl-terminal modulator protein

Entrez Gene ID	117145
mRNA Refseq	NM_053055
Protein Refseq	NP_444283
UniProt ID	Q5T1C6
Pathway	Activation of PKB; Adaptive Immune System; CD28 co-stimulation; CD28 dependent PI3K/Akt signaling; Costimulation by the CD28 family; DAP12 interactions; DAP12 signaling; Disease
Function	palmitoyl-CoA hydrolase activity