Recombinant Human THEM4 cell lysate

Cat. No. THEM4-1775HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	THEM4 thioesterase superfamily member 4 [Homo sapiens]
Official Symbol	THEM4
Synonyms	THEM4; thioesterase superfamily member 4; C terminal modulator protein; CTMP; C-terminal modulator protein; carboxyl-terminal modulator protein; FLJ27206; MGC29636;

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Gene ID	117145
mRNA Refseq	NM_053055
Protein Refseq	NP_444283
MIM	606388
UniProt ID	Q5T1C6
Chromosome Location	1q21.3
Pathway	Activation of PKB, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;

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