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Product datasheet for TP309396

THEM4 (NM_053055) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thioesterase superfamily member 4 (THEM4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209396 representing NM_053055 Red=Cloning site Green=Tags(s) MLRSCAARLRTLGALCRPPVGRRLPGSEPRPELRSFSSEEVILKDCSVPNPSWNKDLRLLFDQFMKKCED GSWKRLPSYKRTPTEWIQDFKTHFLDPKLMKEEQMSQAQLFTRSFDDGLGFEYVMFYNDIEKRMVCLFQG GPYLEGPPGFIHGGAIATMIDATVGMCAMMAGGIVMTANLNINYKRPIPLCSVVMINSQLDKVEGRKFFV SCNVQSVDEKTLYSEATSLFIKLNPAKSLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV	
Tag:	C-Myc/DDK
Predicted MW:	26.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_444283
Locus ID:	117145
UniProt ID:	Q5T1C6, A8K0C9

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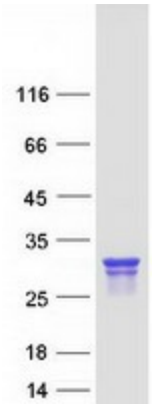
RefSeq Size:	2224
Cytogenetics:	1q21.3
RefSeq ORF:	720
Synonyms:	CTMP
Summary:	Protein kinase B (PKB) is a major downstream target of receptor tyrosine kinases that signal via phosphatidylinositol 3-kinase. Upon cell stimulation, PKB is translocated to the plasma membrane, where it is phosphorylated 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]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified THEM4 protein (Cat# TP309396). The protein was produced from HEK293T cells transfected with THEM4 cDNA clone (Cat# [RC209396]) using MegaTran 2.0 (Cat# [TT210002]).

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