

Recombinant Full Length Human THEM4 Protein, C-Flag-tagged

Cat. No. THEM4-1469HFL Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human THEM4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

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.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

26.9 kDa

AA Sequence

MLRSCAARLRTL GALCRPPVGRRLPGSEPRPELRSFSSEEVILKDCSVPNPSWNKD
LRLLEDQFMKKCED GSWKRLPSYKRTPTTEWIQDFKTHFLDPKLMKEEQMSQAQLF
TRSFDDGLGFEYVMFYNDIEKRMVCLFQG GPYLEGPPGFIHGGAIATMIDATVGMC
AMMAGGIVMTANLNIN YKRPIPLCSVVMINSQLDKVEGRKFFV
SCNVQSVDEKTL YSEATSLFIKLNPAKSLTTRTRPLEQKLISEEDLAANDILDYKDDDD
KV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	THEM4 thioesterase superfamily member 4 [Homo sapiens (human)]
Official Symbol	THEM4
Synonyms	CTMP
Gene ID	117145
mRNA Refseq	NM_053055.5
Protein Refseq	NP_444283.2
MIM	606388

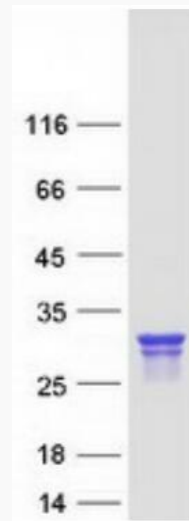
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UniProt ID

Q5T1C6



Coomassie blue staining of purified THEM4 protein.

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