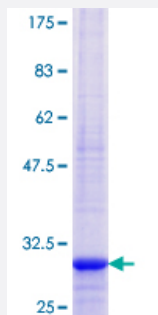


THEM4 (Human) Recombinant Protein (Q01)

Catalog # H00117145-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human THEM4 partial ORF (NP_444283.2, 179 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NLNINYKRPIPLCSVVMINSQLDKVEGRKFFVSCNVQSVDEKTLYSEATSLFIKLNPAKSLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.56
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — THEM4

Entrez GeneID [117145](#)

GeneBank Accession# [NM_053055](#)

Protein Accession# [NP_444283.2](#)

Gene Name THEM4

Gene Alias CTMP, MGC29636

Gene Description thioesterase superfamily member 4

Omim ID [606388](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations C-terminal modulator protein|OTTHUMP00000015248