

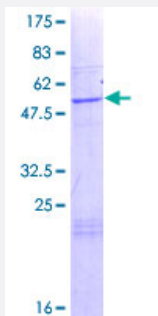
Full-Length

THEM4 (Human) Recombinant Protein (P01)

Catalog # H00117145-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human THEM4 full-length ORF (AAH65277.1, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLRSCAARLRTLALCRPPVGRRLPGSEPRPELRSFSSEEVLKDCSVPNPSWNKDLRLFLDQF
MKKCEDGSWKRLPSYKRTPTEWIQDFKTHFLDPKLMKEEQMSQAQLFTRSFDDGLGFEYVMFY
NDIEKRMVCLFQGGPYLEGPPGFHGGAIATMIDATVGMCAAMAGGIVMTANLNINYKRPIPLCSVV
MINSQLDKVEGRKFFVSCNVQSVDEKTLYSEATSLFIKLNPAKSLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53.6

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# [BC065277.1](#)

Protein Accession# [AAH65277.1](#)

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