



Recombinant Human Thioesterase superfamily member 4 (THEM4)

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| Product Code | CSB-MP023494HU |
| Abbreviation | THEM4 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q5T1C6 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SSEE VILKDCSVPN PSWNKDLRLL FDQFMKKCED GSWKRLPSYK RTPTEWIQDF KTHFLDPKLM KEEQMSQAQL FTRSFDDGLG FEYVMFYNDI EKRMVCLFQG GPYLEGPPGF IHGGAIATMI DATVGMCAMM AGGIVMTANL NINYKRPIPL CSVVMINSQL DKVEGRKFFV SCNVQSVDEK TLYSEATSLF IKLNPAKSLT |
| Source | Mammalian cell |
| Target Names | THEM4 |
| Protein Names | Recommended name: Thioesterase superfamily member 4 Alternative name(s): Carboxyl-terminal modulator protein |
| Expression Region | 37-240 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | 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. This protein negatively regulates PKB activity by inhibiting phosphorylation. Transcription of this gene is commonly downregulated in glioblastomas. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, |



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