



Recombinant Mouse Thioesterase superfamily member 4 (Them4)

Product Code	CSB-EP023494MO-B
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.	Q3UUI3
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SSE KVIRKDYALP NPSWTKDLRL LFDQFMKKCE DGSWKRMPSH RQNPTRAIQE FQTLFVDSKF KKEEQMSKAQ QFTRSFEEGL GFEYAMFYNK VEKRTVSLFQ GGLHLQGVPG FVHGGAIATI IDVTTGTCAI SEGVAMTANL NITYKKPIPL LSVVVVNSQL QKIEGRKLFV SCTIQSIDEK TLYTEATALF IKLDPEKPLT
Source	E.coli
Target Names	Them4
Protein Names	Recommended name: Thioesterase superfamily member 4 Alternative name(s): Carboxyl-terminal modulator protein
Expression Region	28-230
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,



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.