



Recombinant Mouse Serine/threonine-protein kinase mTOR (Mtor)

Product Code	CSB-EP881349MO
Abbreviation	Mtor
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.	Q9JLN9
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MLGTGPAVATASAAATSSNVSVLQQFASGLKSRNEETRAKAAKELQHYYVTMEL REMSQEES TRFYDQLNHHIFELVSSSDANERKGGILAIASLIGVEGGNSTRIGRFANYLRNLL PSSDP VVMEMASKAIGRLAMAGDTFTA EYVEFEVKRALEWLGADRNEGRRHAAVLVL RELAI SVP TFFFQQVQPFFDNIFVAVWDPKQAIREGAVAALRACLILTTQREP KEMQKPQW YRVRDGS TQPLAKHFGLESCSWP
Source	E.coli
Target Names	Mtor
Protein Names	Recommended name: Serine/threonine-protein kinase mTOR EC=2.7.11.1 Alternative name(s): FK506-binding protein 12-rapamycin complex-associated protein 1 FKBP12-rapamycin complex-associated protein Mammalian target of rapamycin S
Expression Region	1-256
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 protein of Isoform 2
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.