

Recombinant Mouse Mtor protein, His-tagged

Cat. No. Mtor-25M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mtor was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Mtor played an important role in many functions.
Form	Tris-based buffer,50% glycerol
Purity	>90% (SDS-PAGE)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.

GENE INFORMATION

Gene Name	Mtor mechanistic target of rapamycin (serine/threonine kinase) [Mus musculus]
Official Symbol	Mtor
Synonyms	MTOR; mechanistic target of rapamycin (serine/threonine kinase); serine/threonine-

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protein kinase mTOR; rapamycin target protein 1; angiopoietin-like factor CDT6; mammalian target of rapamycin; FKBP-rapamycin-associated protein FRAP; FKBP-rapamycin associated protein (FRAP); FKBP12-rapamycin complex-associated protein; FK506 binding protein 12-rapamycin associated protein 1; FK506-binding protein 12-rapamycin complex-associated protein 1; FRAP; flat; FRAP2; Frap1; RAFT1; RAPT1; AI327068; 2610315D21Rik; MGC118056;

Gene ID	56717
mRNA Refseq	NM_020009
Protein Refseq	NP_064393
MIM	
UniProt ID	Q9JLN9
Chromosome Location	4 78.76 cM; 4 E1
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem;
Function	ATP binding; RNA polymerase III type 1 promoter DNA binding; RNA polymerase III type 2 promoter DNA binding; RNA polymerase III type 3 promoter DNA binding; TFIIIC-class transcription factor binding; binding; kinase activity; nucleotide binding; phosphoprotein binding; phosphotransferase activity, alcohol group as acceptor; protein binding; protein domain specific binding; protein serine/threonine kinase

activity; protein serine/threonine kinase activity; ribosome binding; transferase activity; transferase activity, transferring phosphorus-containing groups;

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