

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

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

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