

## Recombinant Human MTOR Protein, His-tagged

Cat. No. MTOR-21H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MTOR Protein(P42345)(Ser27-Gln291), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser27-Gln291
<b>Form</b>	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Molecular Mass</b>	32.54 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE.

### GENE INFORMATION

<b>Official Symbol</b>	MTOR
<b>Synonyms</b>	MTOR; mechanistic target of rapamycin (serine/threonine kinase); FK506 binding protein 12 rapamycin associated protein 1 , FRAP, FRAP1, FRAP2; serine/threonine-

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protein kinase mTOR; dJ576K7.1 (FK506 binding protein 12 rapamycin associated protein 1); FK506 binding protein 12 rapamycin associated protein 2; FKBP rapamycin associated protein; FKBP12 rapamycin complex associated protein 1; FLJ44809; mammalian target of rapamycin; RAFT1; rapamycin and FKBP12 target 1; rapamycin associated protein FRAP2; rapamycin target protein; RAPT1; rapamycin target protein 1; FKBP-rapamycin associated protein; FKBP12-rapamycin complex-associated protein 1; FK506 binding protein 12-rapamycin associated protein 1; FK506 binding protein 12-rapamycin associated protein 2; FK506-binding protein 12-rapamycin complex-associated protein 1; FRAP; FRAP1; FRAP2;

**Gene ID** [2475](#)

**mRNA Refseq** [NM\\_004958](#)

**Protein Refseq** [NP\\_004949](#)

**MIM** [601231](#)

**UniProt ID** [P42345](#)

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