

Datasheet for ABIN7578295

MTOR Protein (His tag)



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Overview

Quantity:	100 µg
Target:	MTOR (mTOR)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTOR protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA

Product Details

Purpose:	Recombinant Human MTOR, N-His
Sequence:	Phe1720-Ala2020

Target Details

Target:	MTOR (mTOR)
Alternative Name:	MTOR (mTOR Products)
Background:	RAFT1, Rapamycin target protein 1, Mechanistic target of rapamycin, FRAP, FKBP12-rapamycin complex-associated protein, mTOR, FRAP1, FK506-binding protein 12-rapamycin complex-associated protein 1, Rapamycin and FKBP12 target 1, FRAP2, RAPT1, Serine/threonine-protein kinase mTOR, Mammalian target of rapamycin, MTOR
Molecular Weight:	36.22 kDa
UniProt:	P42345

Target Details

Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Actin Filament Polymerization , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Autophagy , CXCR4-mediated Signaling Events , BCR Signaling , Warburg Effect
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water for a stock solution.
Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.