

Recombinant Mouse Meak7 Protein, Myc/DDK-tagged

Cat. No. Meak7-4010M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MTOR associated protein, eak-7 homolog (Meak7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Activates an alternative mTOR signaling through RPS6KB2 activation and EIF4EBP1 repression to regulate cell proliferation and migration. Recruits MTOR at the lysosome, essential for MTOR signaling at the lysosome.
Molecular Mass	50.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Meak7 MTOR associated protein, eak-7 homolog [Mus musculus (house mouse)]
Official Symbol	Meak7
Synonyms	Meak7; MTOR associated protein, eak-7 homolog; Tldc; Tldc1; Kiaa1609; 4632415K11Rik; MTOR-associated protein MEAK7; TBC/LysM associated domain containing 1; TBC/LysM-associated domain-containing protein 1; TLD domain-containing protein 1
Gene ID	74347
mRNA Refseq	NM_028883
Protein Refseq	NP_083159
UniProt ID	Q8K0P3

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