Recombinant Mouse Zyg11b Protein, Myc/DDK-tagged

Cat. No. Zyg11b-7134M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zyg-ll family member B, cell cycle regulator (Zyg11b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Serves as substrate adapter subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC. Acts redudantly with ZER1 to target substrates bearing N-terminal glycine degrons for proteasomal degradation. Involved in the clearance of proteolytic fragments generated by caspase cleavage during apoptosis since N-terminal glycine degrons are strongly enriched at caspase cleavage sites. Also important in the quality control of protein N-myristoylation in which N-terminal glycine degrons are conditionally exposed after a failure of N-myristoylation.
Molecular Mass	84 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Zyg11b zyg-ll family member B, cell cycle regulator [Mus musculus (house mouse)]
Official Symbol	Zyg11b
Synonyms	Zyg11b; zyg-ll family member B, cell cycle regulator; Gm431; D4Mgi2; D4Mgi23; mKIAA1730; 1110046I03Rik; 2810482G21Rik; protein zyg-11 homolog B; zyg-ll homolog B
Gene ID	414872
mRNA Refseq	NM_001033634
Protein Refseq	NP_001028806
UniProt ID	Q3UFS0

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