

Recombinant Mouse Trim50 Protein, Myc/DDK-tagged

Cat. No. Trim50-6658M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tripartite motif-containing 50 (Trim50), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that ubiquitinates Beclin-1/BECN1 in a 'Lys-63'-dependent manner enhancing its binding to ULK1. In turn, promotes starvation-induced autophagy activation. Interacts also with p62/SQSTM1 protein and thereby induces the formation and the autophagy clearance of aggresome-associated polyubiquitinated proteins through HDAC6 interaction.
Molecular Mass	55.1 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.

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GENE INFORMATION

Gene Name	Trim50 tripartite motif-containing 50 [Mus musculus (house mouse)]
Official Symbol	Trim50
Synonyms	TRIM50; tripartite motif-containing 50; E3 ubiquitin-protein ligase TRIM50; tripartite motif protein 50; tripartite motif-containing protein 50
Gene ID	215061
mRNA Refseq	NM_178240
Protein Refseq	NP_839971
UniProt ID	Q810I2

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