

Recombinant Mouse Trim25 Protein, Myc/DDK-tagged

Cat. No. Trim25-6647M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tripartite motif protein 25 (cDNA clone MGC:6886 IMAGE:2651664), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as a ubiquitin E3 ligase and as an ISG15 E3 ligase. Involved in innate immune defense against viruses by mediating ubiquitination of DDX58 and IFIH1. Mediates 'Lys-63'-linked polyubiquitination of the DDX58 N-terminal CARD-like region and may play a role in signal transduction that leads to the production of interferons in response to viral infection. Mediates 'Lys-63'-linked polyubiquitination of IFIH1. Promotes ISGylation of 14-3-3 sigma (SFN), an adapter protein implicated in the regulation of a large spectrum signaling pathway. Mediates estrogen action in various target organs. Mediates the ubiquitination and subsequent proteasomal degradation of ZFHX3.
Molecular Mass	70.7 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.

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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	
Gene Name	Trim25 tripartite motif-containing 25 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Trim25
Synonyms	Trim25; tripartite motif-containing 25; EFP; Zfp14; Zfp147; AA960166; AL022677; E3 ubiquitin/ISG15 ligase TRIM25; RING-type E3 ubiquitin transferase TRIM25; estrogen-responsive finger protein; tripartite motif protein 25; tripartite motif-containing protein 25; ubiquitin/ISG15-conjugating enzyme TRIM25; zinc finger protein 147; EC 2.3.2.27; EC 6.3.2.n3
Gene ID	217069
mRNA Refseq	NM_009546
Protein Refseq	NP_033572
UniProt ID	Q61510