

Recombinant Mouse Trim6 Protein, Myc/DDK-tagged

Cat. No. Trim6-6661M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tripartite motif-containing 6 (Trim6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin ligase that plays a crucial role in the activation of the IKBKE-dependent branch of the type I interferon signaling pathway. In concert with the ubiquitin-conjugating E2 enzyme UBE2K, synthesizes unanchored 'Lys-48'-linked polyubiquitin chains that promote the oligomerization and autophosphorylation of IKBKE leading to stimulation of an antiviral response. Ubiquitinates also MYC and inhibits its transcription activation activity, maintaining the pluripotency of embryonic stem cells.
Molecular Mass	56.2 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 Trim6 tripartite motif-containing 6 [*Mus musculus* (house mouse)]

Official Symbol Trim6

Synonyms TRIM6; tripartite motif-containing 6; tripartite motif-containing protein 6; tripartite motif protein 6; D7Ert684e; C430046K18Rik

Gene ID 94088

mRNA Refseq NM_001013616

Protein Refseq NP_001013637

UniProt ID Q8BGE7

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