

Recombinant Human TRIM25 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRIM25-5098H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRIM25 MS Standard C13 and N15-labeled recombinant protein (NP_005073) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to the cytoplasm. The presence of potential DNA-binding and dimerization-transactivation domains suggests that this protein may act as a transcription factor, similar to several other members of the TRIM family. Expression of the gene is upregulated in response to estrogen, and it is thought to mediate estrogen actions in breast cancer as a primary response gene.
Molecular Mass	70.8 kDa
AA Sequence	MAELCPLAEELSCSICLEPFKEPVTTPCGHNFCGSCLNETWAVQGSPYLCPQCRAV YQARPQLHKNTVLCNVVEQFLQADLAREPPADVWTPPARASAPSPNAQVACDHCL KEAAVKTCLVCMASFCQEHLQPHFDSPAFQDHPLQPPVRDLLRRKCSQHNRLREFF CPEHSECICHICLVEHKTCSPASLSQASADLEATLRHKLTVMYSQINGASRALDDVR NRQQDVRMTANRKVEQLQQEYTEMKALLDASETTSTRKIKEEEKRVNSKFDTIYQIL

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LKKKSEIQT LKEEIEQSLTKRDEFEFLEKASKLRGISTKPVYIPEVELNHKLIKGIHQSTI
DLKNELKQCIGRLQELTPSSGDPGEHDPASTHKSTRPVKKVSKEEKSKKPPVPAL
PSKLPTFGAPEQLVDLKQAGLEAAAKATSSHPNSTSLKAKVLETFLAKSRPELLEYI
KVILDYNTAHNKVALSECYTVASVAEMPQNYRPHPQRFTYCSQVLGLHCYKKGIIHY
WEVELQKNNFCGVGICYGSMNRQGPESRLGRNSASWCVEWFNTKISAWHNNVEK
TLPSTKATRVGVLLNCDHGFVIFFAVADKVHLMYKFRVDFTEALYPAFWVFSAGATL
SICSPKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TRIM25 tripartite motif containing 25 [Homo sapiens (human)]

Official Symbol TRIM25

Synonyms TRIM25; tripartite motif containing 25; tripartite motif containing 25, zinc finger protein 147 (estrogen responsive finger protein), ZNF147; E3 ubiquitin/ISG15 ligase TRIM25; EFP; RNF147; RING finger protein 147; zinc finger protein-147; tripartite motif-containing 25; tripartite motif protein TRIM25; estrogen-responsive finger protein; tripartite motif-containing protein 25; ubiquitin/ISG15-conjugating enzyme TRIM25; zinc finger protein 147 (estrogen-responsive finger protein); Z147; ZNF147;

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Gene ID	7706
mRNA Refseq	NM_005082
Protein Refseq	NP_005073
MIM	600453
UniProt ID	Q14258
SDS-PAGE	