

Recombinant Full Length Human TRIM25 Protein, C-Flag-tagged

Cat. No. TRIM25-483HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TRIM25 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	70.8 kDa
AA Sequence	MAELCPLAEELSCSICLEPFKEPVTTPCGHNFCGSCCLNETWAVQGSPYLCPQCRAV YQARPQLHKNTVLC NVVEQFLQADLAREPPADVWTPPARASAPSPNAQVACDHCL KEAAVKTCCLVCMASFCQEHLQPHFDSPAF QDHPLQPPVRDLLRRKCSQHNRLREF FCPEHSECICICLVEHKTCSPASLSQASADLEATLRHKLTVMY SQINGASRALDDV

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RNRQQDVRMTANRKVEQLQQEYTEMKALLDASETTSTRKIKEEEKRVNSKFDTIYQI
 LLKKKSEIQTLEEIEQSLTKRDEFEFLEKASKLRGISTKPVYIPEVELNHKLIKGIHQST
 IDLKNELKQ CIGRLQELTPSSGDPGEHDPASTHKSTRPVKKVSKEEKSSKKPPPVPA
 LPSKLPTFGAPEQLVDLKQAGL EAAAKATSSHPNSTSLKAKVLETFLAKSRPELLEY
 YIKVILDYNTAHNKValseCYTVASVAEMPQNYRP HPQRFTYCSQVLGLHCYKKGIH
 YWEVELQKNNFCGVGICYGSMNRQGPESRLGRNSASWCVEWFNTKISA WHNNVE
 KTL PSTKATRVGVLLNCDHGFVIFFAVADKVHLMYKFRVDFTEALYPAFWVFSAGAT
 LSICSPKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	RIG-I-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

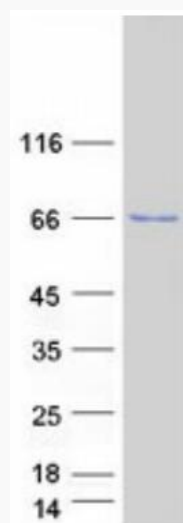
Gene Name TRIM25 tripartite motif containing 25 [Homo sapiens (human)]

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Official Symbol	TRIM25
Synonyms	EFP; Z147; RNF147; ZNF147
Gene ID	7706
mRNA Refseq	NM_005082.5
Protein Refseq	NP_005073.2
MIM	600453
UniProt ID	Q14258



Coomassie blue staining of purified TRIM25 protein.

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