

Recombinant Human TRIM33 Protein, Flag-tagged

Cat. No. TRIM33-336H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length Recombinant Human TRIM33 (Tripartite Motif Containing 33) Protein is produced in SF9 Insect Cells and is fused with a Flag tag at the N-terminal.
Species	Human
Source	Insect Cells
Description	TRIM33 (UniProt/Swiss-Prot entry Q9UPN9) 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. TRIM33 is an E3 ubiquitin-protein ligase, which promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. It may act as a transcriptional corepressor and inhibits the transcriptional response to the TGF-beta/BMP signaling cascade. However, molecules that interact with this protein have not yet been identified..TRIM33 also plays a role in the control of cell proliferation. Its association with SMAD2 and SMAD3 stimulates erythroid differentiation of hematopoietic stem/progenitor. Defects in TRIM24 cause thyroid papillary carcinoma.
Form	20mM Tris-Cl pH 7.6, 1 mM EDTA, 0.15 M NaCl, 10% glycerol, 0.5 mM PMSF and 1 mM DTT.
Purity	Purified using FPLC, >95% purity as determined by SDS-PAGE.
Notes	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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Stability	Guaranteed stable for 2 years from date of receipt when stored properly.
Storage	Store at -80 centigrade.
Concentration	0.5 g/μ
Full Length	Full L.

GENE INFORMATION

Gene Name	TRIM33 tripartite motif containing 33 [Homo sapiens]
Official Symbol	TRIM33
Synonyms	TRIM33; tripartite motif containing 33; FLJ11429; KIAA1113; PTC7; ret fused gene 7; RFG7; TF1G; TIF1G; TIF1GAMMA; TIFGAMMA; ECTO; FLJ32925;
Gene ID	51592
mRNA Refseq	NM_015906
Protein Refseq	NP_056990
MIM	605769
UniProt ID	Q9UPN9

SDS page of the TRIM33 recombinant protein. The position of the protein of interest is indicated on the right; the marker (in kDa) is shown on the left.

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