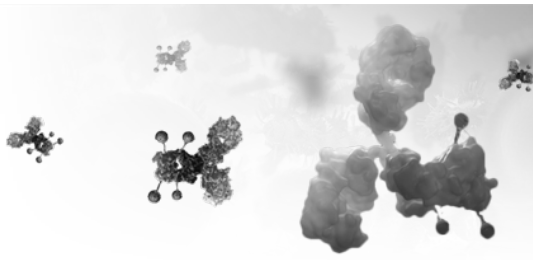

Human TRIM33 peptide (DAG-P1231)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is thought to be a transcriptional corepressor. However, molecules that interact with this protein have not yet been identified. The protein is a member of the tripartite motif family. This motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Three alternatively spliced transcript variants for this gene have been described, however, the full-length nature of one variant has not been determined. [provided by RefSeq, Jul 2008]
Specificity	Expressed in stem cells at the bottom of the crypts of the colon (at protein level). Expressed in colon adenomas and adenocarcinomas (at protein level). Expressed in brain, lung, liver, spleen, thymus, prostate, kidney, testis, heart, placenta, pancreas,
Conjugate	Unconjugated
Sequence Similarities	Belongs to the TRIM/RBCC family.Contains 2 B box-type zinc fingers.Contains 1 bromo domain.Contains 1 PHD-type zinc finger.Contains 1 RING-type zinc finger.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TRIM33 tripartite motif containing 33 [Homo sapiens (human)]
Official Symbol	TRIM33
Synonyms	TRIM33; tripartite motif containing 33; ECTO; PTC7; RFG7; TF1G; TIF1G; TIFGAMMA; TIF1GAMMA; E3 ubiquitin-protein ligase TRIM33; TIF1-gamma; protein Rfg7; ectodermin

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	homolog; RET-fused gene 7 protein; tripartite motif-containing 33; transcriptional intermediary factor 1 gamma;
Entrez Gene ID	51592
mRNA Refseq	NM_015906.3
Protein Refseq	NP_056990.3
UniProt ID	B3KN30
Chromosome Location	1p13.1
Pathway	Disease, organism-specific biosystem; Downregulation of SMAD2/3:SMAD4 transcriptional activity, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Loss of Function of SMAD2/3 in Cancer, organism-specific biosystem; Loss of Function of SMAD4 in Cancer, organism-specific biosystem; Loss of Function of TGFBR1 in Cancer, organism-specific biosystem; Loss of Function of TGFBR2 in Cancer, organism-specific biosystem; S
Function	DNA binding; R-SMAD binding; co-SMAD binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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