

## 32-5129: Recombinant Human Tripartite Motif Containing 33

**Alternative Name :** E3 ubiquitin-protein ligase TRIM33, Ectodermin homolog, RET-fused gene 7 protein, Protein Rfg7, Transcription intermediary factor 1-gamma, TIF1-gamma, Tripartite motif-containing protein 33, TRIM33, KIAA1113, RFG7, TIF1G, ECTO, PTC7, TF1G, TIFGAMMA,

### Description

Source : Sf9 Insect Cells. TRIM33 Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 124,041 Dalton. TRIM33 is expressed with a -10xHis tag at N-terminus and purified by proprietary chromatographic techniques. Tripartite Motif Containing 33 (TRIM33) belongs to the tripartite motif family. This motif includes 3 zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. TRIM33 is assumed to be a transcriptional corepressor. TRIM33 functions as an E3 ubiquitin-protein ligase. TRIM33 also promotes SMAD4 ubiquitination, nuclear exclusion and degradation via the ubiquitin proteasome pathway. In addition, TRIM33 inhibits the transcriptional response to TGF-beta/BMP signaling cascade. Furthermore, TRIM33 has a role in the control of cell proliferation.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** TRIM33 is supplied in 20mM HEPES buffer pH-7.9, 550mM NaCl and 6M Urea.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

