
Product Data Sheet

Product Name: TRIM33 Human
Cat. No.: GP24883
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 Insect Cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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; TIF1GAMMA.		
Formulation	TRIM33 is supplied in 20mM HEPES buffer pH-7.9, 550mM NaCl and 6M Urea.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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