

Product datasheet for **SC329535**

TRIM22 (NM_001199573) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TRIM22 (NM_001199573) Human Untagged Clone
Tag: Tag Free
Symbol: TRIM22
Synonyms: GPSTAF50; RNF94; STAF50
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329535 representing NM_001199573.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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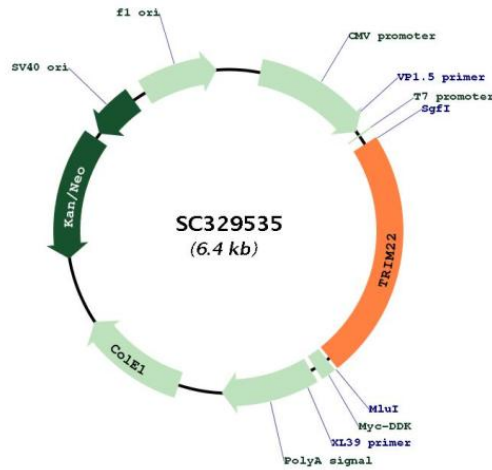
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CTAGTCCCATGACTGTGTGCCACCGAGCTCCTGA
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001199573

Insert Size: 1485 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001199573.1](#)

RefSeq Size: 3099 bp

RefSeq ORF: 1485 bp

Locus ID: 10346

UniProt ID: [Q8IYM9](#)

Cytogenetics:	11p15.4
Protein Families:	Druggable Genome, Transcription Factors
MW:	56.4 kDa
Gene Summary:	<p>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. This protein localizes to the cytoplasm and its expression is induced by interferon. The protein down-regulates transcription from the HIV-1 LTR promoter region, suggesting that function of this protein may be to mediate interferon's antiviral effects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>