

Product datasheet for **SC333042**

Trophinin (TRO) (NM_001271184) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trophinin (TRO) (NM_001271184) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRO
Synonyms:	MAGE-d3; MAGED3
Vector:	pCMV6-Entry (PS100001)



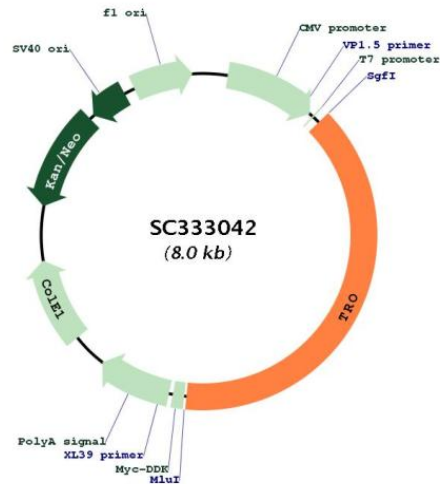
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Fully Sequenced ORF: >SC333042 representing NM_001271184.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001271184

Insert Size: 3105 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_001271184.1](#)

RefSeq Size: 3538 bp

RefSeq ORF: 3105 bp

Locus ID: 7216

Cytogenetics: Xp11.21

MW: 102.3 kDa

Gene Summary:

This gene encodes a membrane protein that mediates cell adhesion between trophoblastic cells and the epithelial cells of the endometrium. The encoded protein participates in cell signalling during embryo implantation, and may also be involved in cancer formation. This gene is located near several other closely related genes on chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

Transcript Variant: This variant (8) differs in the 5' UTR and lacks an alternate exon in the 5' coding region, compared to variant 6. The encoded isoform (7) is shorter than isoform 5.