

Product datasheet for **SC310727**

Trophinin (TRO) (NM_001039705) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trophinin (TRO) (NM_001039705) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRO
Synonyms:	MAGE-d3; MAGED3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001039705, the custom clone sequence may differ by one or more nucleotides

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ATGGATAGGAGAAATGACTACGGATATAGGGTGCCTCTATTTTCAGGGCCCTCTGCCTCCC  
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AAGTTGGGGCTGCGCCCTGGGGTGAGGCATTCACTCTTTGGGAAGTGAGGAAGCTCATC
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ACAGACGAGTTTGTGAAGCAGAAGTACCTGGAGTACAAGAGGGTCCCTAACAGCAGACCA
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 CTCAAGTTTGCATGCAGGGTGCAGAAGAAAGACCCCAAGGACTGGGCTGTGCAGTACCGC
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 TCCAACACCAGCACTGGCTTTACTGGCGAACCCAGCACCAGCAGCGGCTTCAGTAGTGGG
 CCCAGTTCTATTGTTGGCTTCAGCGGTGGACCAAGCACTGGTGTGGCTTCTGCAGTGGG
 CCAAGCACCAGTGGCTTCAGCGGTGGACCGAGCACAGGAGCTGGCTTCGGCGGTGGACCA
 AACACTGGTGTGGCTTTGGTGGTGGACCGAGCACCAGTGTGGCTTTGGCAGTGGAGCC
 GCCAGTCTGGTGGCTGTGGCTTCTCGTATGGCTAG

Restriction Sites:

Please inquire

ACCN:

NM_001039705

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_001039705.1 , NP_001034794.1
RefSeq Size:	4665 bp
RefSeq ORF:	4296 bp
Locus ID:	7216
UniProt ID:	Q12816
Cytogenetics:	Xp11.21
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (6) represents the longest transcript and encodes the longest isoform (5).</p>