

Product datasheet for **SC330944**

HERC3 (NM_001271602) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HERC3 (NM_001271602) Human Untagged Clone
Tag:	Tag Free
Symbol:	HERC3
Vector:	pCMV6-Entry (PS100001)



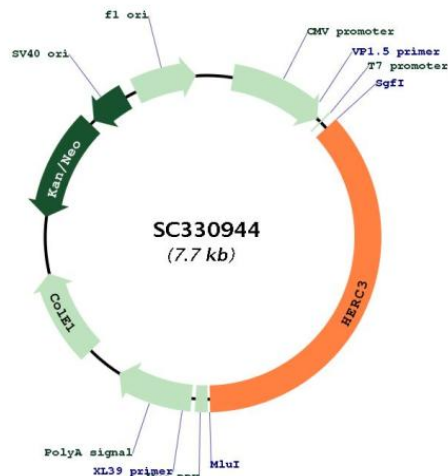
[View online »](#)

Fully Sequenced ORF: >SC330944 representing NM_001271602.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: Sgfl-MluI

Plasmid Map:


ACCN: NM_001271602

Insert Size: 2799 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_001271602.1](#)

RefSeq Size: 4730 bp

RefSeq ORF: 2799 bp

Locus ID: 8916

UniProt ID: [Q15034](#)

Cytogenetics: 4q22.1

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

MW: 104.7 kDa

Gene Summary: This gene encodes a member the HERC ubiquitin ligase family. The encoded protein is located in the cytosol and binds ubiquitin via a HECT domain. Mutations in this gene have been associated with colorectal and gastric carcinomas. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012]

Transcript Variant: This variant (2) lacks an alternate 5' exon and portion of the 5' coding region. These differences cause translation initiation at a downstream AUG and result in an isoform (2) which has a shorter N-terminus, compared to isoform 1.