

## Product datasheet for **SC333120**

### **SNM1A (DCLRE1A) (NM\_001271816) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SNM1A (DCLRE1A) (NM_001271816) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNM1A
Synonyms:	PSO2; SNM1; SNM1A
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC333120 representing NM\_001271816.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001271816
<b>Insert Size:</b>	3123 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001271816.1</a></u>
<b>RefSeq Size:</b>	4267 bp
<b>RefSeq ORF:</b>	3123 bp
<b>Locus ID:</b>	9937
<b>UniProt ID:</b>	<u><a href="#">Q6PIP8</a></u>
<b>Cytogenetics:</b>	10q25.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	116.4 kDa
<b>Gene Summary:</b>	<p>This gene encodes a conserved protein that is involved in the repair of DNA interstrand cross-links. DNA cross-links suppress transcription, replication, and DNA segregation. The encoded protein is a regulator of the mitotic cell cycle checkpoint. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript. Both variants 1 and 2 encode the same protein.</p>