

## Product datasheet for **SC338087**

### Nance Horan Syndrome Protein (NHS) (NM\_001291867) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nance Horan Syndrome Protein (NHS) (NM_001291867) Human Untagged Clone
Tag:	Tag Free
Symbol:	NHS
Synonyms:	CTRCT40; CXN; SCML1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001291867, the custom clone sequence may differ by one or more nucleotides

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 CGGAAAATCTGACGGGAGCCACATGACGACCGTTTCTCCAGAGTTCAACA TAG

Restriction Sites:

AscI-MluI

ACCN:

NM\_001291867

<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>NM_001291867.1, NP_001278796.1</u>
<b>RefSeq Size:</b>	8839 bp
<b>RefSeq ORF:</b>	4956 bp
<b>Locus ID:</b>	4810
<b>UniProt ID:</b>	<u>Q6T4R5</u>
<b>Cytogenetics:</b>	Xp22.2-p22.13
<b>Gene Summary:</b>	<p>This gene encodes a protein containing four conserved nuclear localization signals. The encoded protein functions in eye, tooth, craniofacial and brain development, and it can regulate actin remodeling and cell morphology. Mutations in this gene have been shown to cause Nance-Horan syndrome, and also X-linked cataract-40. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2014]</p> <p>Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (3).</p>