

## Product datasheet for **SC329503**

### HAS3 (NM\_001199280) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HAS3 (NM\_001199280) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HAS3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329503 representing NM\_001199280.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCGGTGCAGCTGACGACAGCCCTGCGTGTGGTGGGCACCAGCCTGTTTGCCTGGCAGTGTGGGT
GGCATCCTGGCAGCCTATGTGACGGGCTACCAGTTCATCCACACGGAAAAGCACTACCTGTCTTCGGC
CTGTACGGCGCCATCCTGGGCTGCACCTGTCTATTAGAGCCTTTTGCCTTCTGGAGCACCGGCGC
ATGCGACGTGCCGGCCAGGCCCTGAAGTGCCTCCCCGCGGGGGCTCGGTGGCACTGTGCATTGCC
GCATACCAGGAGGACCCTGACTACTTGCCAAGTGCCTGCGCTCGGCCAGCGCATCTCCTCCCTGAC
CTCAAGGTGGTCATGGTGGTGGATGGCAACCGCCAGGAGGACGCCTACATGCTGGACATCTCCACGAG
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GAGACGGAGGCCAGCCTGCAGGAGGGCATGGACCGTGTGCGGGATGTGGTGCGGGCCAGCACCTTCTCG
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GAGGACTGGTACCATCAGAAGTTCCTAGGCAGCAAGTGCAGCTTCCGGGATGACCGGCACCTCACCAAC
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TTCATGTCCCTTACTCCCTCTATATGTCCAGCCTTCTGCCGGCCAAGATCTTTGCCATTGCTACC
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GAGACAGAGCTAGCCTTCTTGTCTCTGGGGCTATACTGTATGGCTGCTACTGGGTGGCCCTCTCATG
CTATATCTGGCCATCATGCCCGCGCATGTGGGAAGAAGCCGGAGCAGTACAGCTTGGCTTTTGTGAG
GTGTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199280  
**Insert Size:** 1662 bp



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<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_001199280.1</a></u>
<b>RefSeq Size:</b>	4288 bp
<b>RefSeq ORF:</b>	1662 bp
<b>Locus ID:</b>	3038
<b>UniProt ID:</b>	<u><a href="#">O00219</a></u>
<b>Cytogenetics:</b>	16q22.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	63 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. This gene is a member of the NODC/HAS gene family. Compared to the proteins encoded by other members of this gene family, this protein appears to be more of a regulator of hyaluronan synthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]</p> <p>Transcript Variant: This variant (3) represents the longest transcript. Both variants 1 and 3 encode the same protein (isoform a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>