

## Product datasheet for **SC330992**

### HIGD1B (NM\_001271880) Human Untagged Clone

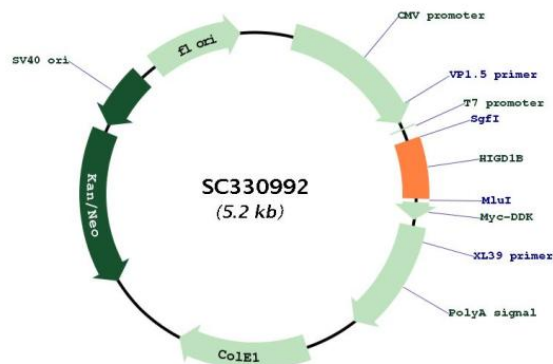
#### Product data:

Product Type: Expression Plasmids  
 Product Name: HIGD1B (NM\_001271880) Human Untagged Clone  
 Tag: Tag Free  
 Symbol: HIGD1B  
 Synonyms: CLST11240; CLST11240-15  
 Vector: pCMV6-Entry (PS100001)  
 Fully Sequenced ORF: >SC330992 representing NM\_001271880.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCTGCTAACAGACGCTGGTGGGTACCACCTGACGACGAAGACTGTGTGTCTGAGAAGCTCCTGAGG  
 AAGACTCGGGAATCTCCACTGGTGCCTATAGGCTTAGGAGGCTGCTTGGTGGTAGCAGCATAcAGGATT  
 TACCGGCTGAGGTCTCGTGGTCCACCAAGATGTCCATACACCTGATTACACCCGAGTGGCAGCGCAG  
 GCCTGTGCAGTGGGTGCAATCATGCTAGGTGCTGTGTACACAATGTACAGCGATTACGTCAAGAGGATG  
 GCACAGGATGCTGGAGAGAAGTAG

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001271880

Insert Size: 300 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_001271880.1</a></u>
<b>RefSeq Size:</b>	558 bp
<b>RefSeq ORF:</b>	300 bp
<b>Locus ID:</b>	51751
<b>UniProt ID:</b>	<u><a href="#">Q9P298</a></u>
<b>Cytogenetics:</b>	17q21.31
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	11.1 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the hypoxia inducible gene 1 (HIG1) domain family. The encoded protein is localized to the cell membrane and has been linked to tumorigenesis and the progression of pituitary adenomas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>