

## Product datasheet for SC309376

### GOLTIA (NM\_198447) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GOLTIA
Synonyms:	CGI-141; GOT1; hGOT1b; HMFN1187; YMR292W
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309376 representing NM_198447. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATCTCCATACCGAATGGCAGAAGATTGGTGTGGGATCACCGTTTCGGCATCTTCTTCATCCTC
TTTGGAACACTCCTGTACTTTGATTCCGTGCTCCTGGCCTTTGGAACCTGCTGTTCTCGACGGGCCTG
TCCCTCATATTGGCCTGAGGAAGACCTTTTGGTTCTTCTTCCAACGGCACAACCTCAAGGGAACACAGC
TTCTCCTGGGGGGTGTGGTTATCGTGCTCCTACGCTGGCCCTCCTCGGCATGTTCTCGAAACCTAC
GGATTCTTCAGCCTCTTAAGGGCTTTTCCCTGTGCGCTTCGGCTTCTGGGCAATGTCTGCAACATC
CCCTTCTGGGTGCGCTGTTCCGGAGACTTCAAGGCACTAGCTCGATGGTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

ACCN: NM\_198447

Insert Size: 399 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).



<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_198447.1</a></u>
<b>RefSeq Size:</b>	883 bp
<b>RefSeq ORF:</b>	399 bp
<b>Locus ID:</b>	127845
<b>UniProt ID:</b>	<u><a href="#">Q6ZVE7</a></u>
<b>Cytogenetics:</b>	1q32.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	14.9 kDa
<b>Gene Summary:</b>	May be involved in fusion of ER-derived transport vesicles with the Golgi complex. [UniProtKB/Swiss-Prot Function]