

## Product datasheet for **SC205154**

### CTSA (NM\_000308) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CTSA (NM_000308) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CTSA
Synonyms:	GLB2; GSL; NGBE; PPCA; PPGB
ACCN:	NM_000308
Insert Size:	400 bp
Insert Sequence:	>SC205154 3'UTR clone of NM_000308

The sequence shown below is from the reference sequence of NM\_000308. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCCGCTTCTGAACAAGCAGCCATACTGATGACCACAGCAACCAGCTCCACGGCCTGATGCAGCCCCT
CCCAGCCTCTCCCGTAGGAGAGTCCTCTTAAGCAAAGTGCCCTGCAGGCCGGTTCTGCCGCCAG
GACTGCCCCCTTCCAGAGCCCTGTACATCCAGACTGGGCCAGGGTCTCCCATAGACAGCCTGGGGG
CAAGTTAGCACTTTATTCCCGCAGCAGTTCCTGAATGGGGTGGCCTGGCCCTTCTCTGTTAAAGAAT
GCCCTTTATGATGCACTGATTCCATCCCAGGAACCAACAGAGCTCAGGACAGCCACAGGGAGGTGGT
GGACGGACTGTAATTGATAGATTGATTATGGAATTAATGGGTACAGCTTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_000308.4</a></u>



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**Summary:** This gene encodes a member of the peptidase S10 family of serine carboxypeptidases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate two chains that comprise the heterodimeric active enzyme. This enzyme possesses deamidase, esterase and carboxypeptidase activities and acts as a scaffold in the lysosomal multienzyme complex. Mutations in this gene are associated with galactosialidosis. [provided by RefSeq, Nov 2015]

**Locus ID:** 5476

**MW:** 14.8