

Product datasheet for **SC205155**

CTSA (NM_001127695) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CTSA (NM_001127695) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CTSA
Synonyms:	GLB2; GSL; NGBE; PPCA; PPGB
ACCN:	NM_001127695
Insert Size:	413 bp
Insert Sequence:	>SC205155 3'UTR clone of NM_001127695 The sequence shown below is from the reference sequence of NM_001127695. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCCGCTTCTGAACAAGCAGCCATACTGATGACCACAGCAACCAGCTCCACGGCCTGATGCAGCCCCT CCCAGCCTCTCCCGTAGGAGAGTCCTTCTAAGCAAAGTGCCCTGCAGGCCGGTTCTGCCGCCAG GACTGCCCCCTTCCAGAGCCCTGTACATCCAGACTGGGCCAGGGTCTCCCATAGACAGCCTGGGGG CAAGTTAGCACTTTATTCCCGCAGCAGTTCCTGAATGGGGTGGCCTGGCCCTTCTCTGCTTAAAGAAT GCCCTTTATGATGCACTGATTCCATCCCAGGAACCAACAGAGCTCAGGACAGCCACAGGGAGGTGGT GGACGGACTGTAATTGATAGATTGATTATGGAATTAATGGGTACAGCTTCAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG Restriction Sites: SgfI-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: NM_001127695.2



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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: 15.3