

Product datasheet for **SC203831**

Thyroxine Binding Globulin (SERPINA7) (NM_000354) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Thyroxine Binding Globulin (SERPINA7) (NM_000354) Human 3' UTR Clone
Symbol:	Thyroxine Binding Globulin
Synonyms:	TBG; TBGQTL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000354
Insert Size:	1095 bp
Insert Sequence:	>SC203831 3'UTR clone of NM_000354 The sequence shown below is from the reference sequence of NM_000354. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGAAAGTTGTGAACCAACGGAAGCGTAGTTGGGAAAAAGGCCATTGGCTAATTGCACGTGTGTATTG
CAATGGGAAATAAATAAATAATATAGCCTGGTGTGATTGATGTGAGCTTGGACTTGCATTCCCTTATGA
TGGGATGAAGATTGAACCCTGGCTGAACCTTGTGGCTGTGGAAGAGGCCAATCCTATGGCAGAGCATT
CAGAATGTCAATGAGTAATTCATTATTATCCAAAGCATAGGAAGGCTCTATGTTTGTATATTTCTCTTT
GTCAGAATACCCCTCAACTCATTGCTCTAATAAATTTGACTGGGTTGAAAAATTTCCCTTTTCTGTC
TTCTGGGGAATAGCTAAAAGCAGGTCAAGTCTTCGTATCCCAGTACTCCAATAAGATCAATGGACATA
AAACAATGCAGATGCATTGTCTTATATGTGAACCTCTCAACCCCTTCCCCTGTCCCATAGTAGGAT
TCTCTGAGTTCTTGCCAGATCTGACACTGGTAGGTTGAATAAAGGAACTCCCCTATGGGGATGAGTTA
CAGACTGAGACAAGTGAACAAGTACTGAACAAGCATGGGACAATACAGCAAGAGATAAACTTGCCTGT
CCAACCCACCTTCCCCCAAGAAAACATACTCCACCTTGCCAAATGTATAAGCTGGGAGTGGAGAAAG
AAAGTAATTCATTCATGTCATATCTCATAGACCCTCTTTTTCTGTATCCCAATCAGACTCCTTTCCATA
TATAGCACCCCTGTCCCCTTGTAAAGTAGGAATCTCCTTTTTGGCTCTAATTTCACTGAATATTGGT
ACTTTTGTATCCCAGATCCTTCAACAACCTTCCCTCTACCTGTACATGCCAACTCATTACCACCTACC
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TGTAGTATCTGAAATTCTAGCCCTGAGGTAACAACTTCAAGTACAGGAAAATAGTAAAAAAATGCAT
AAGTACTGTTGCAGATGTTGACTTCCATATTGAAATAAATATTTATGTTTAGAAAAGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: Sgfl-MluI



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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_000354.6
Summary:	There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined.[provided by RefSeq, Jun 2012]
Locus ID:	6906
MW:	42.2