

Product datasheet for **SC303889**

Trehalase (TREH) (NM_007180) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trehalase (TREH) (NM_007180) Human Untagged Clone
Tag:	Tag Free
Symbol:	Trehalase
Synonyms:	TRE; TREA; TREHD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_007180 edited
 GTGCCTGGGCTTGCTCATTAGTACAGTACAGCCACCATGCCAGGGAGGACCTGGGAG
 CTGTGCCTGCTACTGCTGCTGGGCTGGGACTGGGGTCCCAGGAGGCCCTACCCCAACC
 TGTGAGAGTGAGATTTACTGCCACGGGGAGCTCTAAACCAAGTTCAAATGGCCAAGCTC
 TACCAGGATGACAAGCAGTTTGTGGACATGCCACTGTCTATAGCTCCAGAACAAGTCTG
 CAGACCTTCACTGAGCTGTCCAGGGACCACAATCACAGCATCCCCAGGGAGCAGCTGCAG
 GCGTTTGTCCACGAACACTTCCAGGCCAAGGGGAGGAGCTGCAGCCCTGGACCCCTGCA
 GACTGGAAGACAGCCCCAGTTCTGCAGAAGATTTAGATGCCAAACTGCGTGCCTGG
 GCAGGGCAGCTGCATCAGCTCTGGAAGAAGCTGGGAAGAAGATGAAGCCAGAGTTCTC
 AGCCACCTGAGCGGTTCTCTCATCTACTCAGAACATCCCTTCATTGTGCCTGGCGGT
 CGCTTTGTTGAGTTCTACTACTGGGACTCCTACTGGGTGATGGAGGGTCTGCTCCTCA
 GAGATGGTGAGACGGTGAAGGGCATGCTGCAGAACTTCTGGACCTGGTAAAACCTAT
 GGGCATGTCCCAATGGTGGCGCGTGTACTACCTGCAGCGGAGCCAGCCCCACTTTG
 ACCCTCATGATGGATTGCTACTTACTCACACCAATGACACCGCCTTTCTACAGGAAAAC
 ATTGAAACACTAGCCTTGAATTGGACTTTTGGACCAAGAACAGGACTGTCTCTGTGAGC
 TTGGAGGGAAAGAACTACCTCCTGAATCGCTATTATGTCCCTTATGGGGGACCCAGGCT
 GAGTCCTACAGCAAAGATGTGGAGTTGGCTGACACCTTGCCAGAAGGAGACCGGGAGGCT
 CTGTGGGCTGAGCTCAAGGCTGGGGCTGAGTCTGGCTGGGACTTCTTTCACGCTGGCTC
 ATTGGAGGCCAAACCCCAACTCGCTTAGCGGCATCCGAACAAGCAAAGTGGTGCCTGTT
 GACCTGAATGCCTTCTATGCCAAGCAGAGGAGCTGATGAGCAACTTCTATTCCAGGCTG
 GGAACGACTCCCAGGCCACGAAGTACAGAATCCTGCGGTGCGAGCGCTTGGCCGCCCTG
 AACACAGTCTGTGGGATGAGCAGACCGGAGCCTGGTTTCGATTACGACCTTGAGAAGAAG
 AAGAAAACCGGGAGTTTTACCCATCCAACCTCACTCCACTCTGGGCCGGGTGTTTCTCT
 GACCTGGCGTGGCGGACAAGGCTCTGAAATACCTGGAGGACAACCGGATCCTGACTTAC
 CAGTATGGGATCCCGACCTCTCTCCAGAAGACAGGCCAGCAGTGGGATTTCCCAATGCC
 TGGGCCCCCTGCAGGACCTGGTCATCAGAGGCCTGGCCAAGGCACCTTTACGTTGGGCC
 CAGGAAGTGGCTTCCAGCTGGCTCAGAATTGGATCCGAACCAATTTTGTGCTACTCG
 CAGAAGTCAGCCATGTATGAGAAGTATGACGTACGCAACGGTGGACAGCCCGGTGGGGGA
 GGAGAATATGAAGTTCAGGAGGGATTTGGCTGGACGAATGGCGTGGTCTGATGCTGCTG
 GACCGCTATGGTGACCGGCTGACCTCAGGGGCCAAGCTGGCTTCTGGAGCCCCACTGC
 CTGGCGGCCACCTTCTGCCAGCCTCCTGCTCAGCCTCCTGCCATGGTGACAGCCCTCC
 TCTCTCACCTGGCCCCAGCTCCTGCCCATTAACCTCTGCACCAGTAAAAAAAAAAAA
 AAAAAAA

Restriction Sites: Please inquire

ACCN: NM_007180

Insert Size: 1900 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).

OTI Annotation: The ORF of this clone is found to be a good match to NM_007180.1 except for one SNP.

Components: 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).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_007180.1 , NP_009111.1
RefSeq Size:	1854 bp
RefSeq ORF:	1752 bp
Locus ID:	11181
UniProt ID:	O43280
Cytogenetics:	11q23.3
Protein Pathways:	Starch and sucrose metabolism
Gene Summary:	<p>This gene encodes an enzyme that hydrolyses trehalose, a disaccharide formed from two glucose molecules found mainly in fungi, plants, and insects. A partial duplication of this gene is located adjacent to this locus on chromosome 11. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>