

Product datasheet for SC333022

LTBR (NM_001270987) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LTBR (NM_001270987) Human Untagged Clone
Tag:	Tag Free
Symbol:	LTBR
Synonyms:	D12S370; LT-BETA-R; TNF-R-III; TNFCR; TNFR-RP; TNFR2-RP; TNFR3; TNFRSF3
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333022 representing NM_001270987. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGCGACAGGAATCTCATTAGCATCTCAATTAAGGTGCCTCCATATGCGTCGGAGAACCAGACC
TGCAGGGACCAGGAAAAGGAATACTATGAGCCCCAGCACCGCATCTGCTGCTCCCCTGCCGCCAGGC
ACCTATGTCTCAGCTAAATGTAGCCGCATCCGGGACACAGTTTGTCCACATGTGCCGAGAATTCCTAC
AACGAGCACTGGAACCTGACCATCTGCCAGCTGTGCCGCCCTGTGACCCAGTGATGGGCCTCGAG
GAGATTGCCCCCTGCACAAGCAAACGGAAGACCCAGTGCCGCTGCCAGCCGGGAATGTTCTGTGCTGCC
TGGGCCCTCGAGTGACACACTGCGAGCTACTTTCTGACTGCCCGCTGGCACTGAAGCCGAGCTCAAA
GATGAAGTTGGGAAGGGTAACAACCACTGCGTCCCTGCAAGGCCGGGCACTTCCAGAATACCTCCTCC
CCCAGCGCCCCTGCCAGCCCCACACCAGGTGTGAGAACCAAGGTCTGGTGGAGGCAGCTCCAGGCACT
GCCCAGTCCGACACAACCTGCAAAAATCCATTAGAGCCACTGCCCCAGAGATGTCAGGAACCATGCTG
ATGCTGGCCGTTCTCTGCGAGAACTGGGATCGTGTCAAGAGGCGTCCGCAGGGAGAGGGACCCAAT
CCTGTAGCTGGAAGCTGGGAGCCTCCGAAGGCCATCCATACTCCCTGACTTGGTACAGCCACTGCTA
CCCATTCTGGAGATGTTTCCCCAGTATCCACTGGGCTCCCCGCAGCCCCAGTTTGGAGGCAGGGGTG
CCGCAACAGCAGAGTCTCTGGACCTGACCAGGGAGCCGAGTTGGAACCCGGGGAGCAGAGCCAGGTG
GCCACCGTACCAATGGCATTATGTACCGGCGGGTCTATGACTATCACTGGCAACATCTACATCTAC
AATGGACCAGTACTGGGGGACCACCGGTCTGGAGACCTCCCAGCTACCCCCGAACCTCCATACCCC
ATTCCGGAAGAGGGGGACCCTGGCCCTCCCGGGCTCTCTACCCCCACCAGGAAGATGGCAAGGCTTGG
CACCTAGCGGAGACAGAGCACTGTGGTCCACACCCTCTAACAGGGGCCAAGGAACCAATTTATCACC
CATGACTGA
  
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001270987
Insert Size:	1251 bp



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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).
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_001270987.1
RefSeq Size:	2088 bp
RefSeq ORF:	1251 bp
Locus ID:	4055
UniProt ID:	P36941
Cytogenetics:	12p13.31
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
MW:	44.8 kDa
Gene Summary:	<p>This gene encodes a member of the tumor necrosis factor receptor superfamily. The major ligands of this receptor include lymphotoxin alpha/beta and tumor necrosis factor ligand superfamily member 14. The encoded protein plays a role in signalling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. Activity of this receptor has also been linked to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>