

Product datasheet for **SC125327**

NETO2 (NM_018092) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NETO2 (NM_018092) Human Untagged Clone
Tag:	Tag Free
Symbol:	NETO2
Synonyms:	BTCL2; NEOT2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene ORF sequence for NM_018092 edited <pre> ATGGCCCTGGAGCGGCTCTGCTCGGTCCTCAAAGTGTTGTTAATAACAGTACTGGTAGTG GAAGGGATTGCCGTGGCCCAAAAAACCAAGATGGACAAAATATTGGAATCAAGCATATT CCTGCAACCCAGTGTGGCATTGGGTTGCAACAGCAATGGAGGTCATTTGCTTCGCCA AATTATCTGACTCATATCCACCAACAAGGAGTGTATCTACATTTTGAAGCTGCTCCA CGTCAAAGAATAGAGTTGACCTTTGATGAACATTATTATAGAACCATCATTTGAGTGT CGGTTTGATCACTTGAAGTTCGAGATGGGCCATTTGGTTTCTCTCCTCTTATAGATCGT TACTGTGGCGTGAAAAGCCCTCCATTAATTAGATCAACAGGAGATTTCATGTGGATTAAG TTAGTTCTGATGAAGAGCTTGAAGGACTGGGATTTGAGCAAAAATATTCATTTATTCCA GATCCAGACTTTACTTACCTAGGAGGTATTTAAATCCCATTCCAGATTGTCAGTTCGAG CTCTCGGGAGCTGATGGAATAGTGCCTCTAGTCAGGTAGAACAAGAGGAGAAAAACAAA CCAGGCCAAGCCGTTGATTGCATCTGGACCTAAAGCCACTCCAAAAGCTAAGATTTAT TTGAGGTTCTAGATTATCAATGGAGCACTCAATGAATGCAAGAGAACTTCGTTGCA GTCTATGATGGAAGCAGTTCTATTGAAAACCTGAAGGCCAAGTTTGCAGCACTGTGGCC AATGATGTAATGCTTAAACAGGAATTGGAGTGATTGCAATGTGGGCAGATGAAGGTAGT CGGCTTAGCAGGTTTCGAATGCTCTTTACTTCCTTTGTGGAGCCTCCCTGCACAAGCAGC ACTTTCTTTTGCCATAGCAACATGTGCATCAATAATTCTTTAGTCTGTAATGGTGCCAA AATTGTGCATACCCTTGGGATGAAAATCATTGTAAGAAAAGAAAAAGCAGGAGTATTT GAACAAATCACTAAGACTCATGGAACAATTATTGGCATTACTTCAGGGATTGTCTTGGTC CTTCTCATTATTTCTATTTTAGTACAAGTGAAACAGCCTCGAAAAAGGTCATGGCTTGC AAAACCGCTTTTAATAAAACCGGTTCCAAGAAGTGTTTGATCCTCCTCATTATGAACTG TTTTCACTAAGGGACAAAGAGATTTCTGCAGACCTGGCAGACTTGTGGAAGAATTGGAC AACTACCAGAAGATGCGGCGCTCCTCCACCGCCTCCCGCTGCATCCACGACCACCACTGT GGGTGCGCAGGCCTCCAGCGTCAAACAAAGCAGGACCAACCTCAGTTCCATGGAACCTCCT TTCCGAAATGACTTTGCACAACACAGCCAATGAAAACATTTAATAGCACCTTCAAGAAA AGTAGTTACACTTTCAAACAGGGACATGAGTGCCCTGAGCAGGCCTGGAAGACCGAGTA ATGGAGGAGATTCCCTGTGAAATTTATGTCAGGGGGCGAGAAGATTCTGCACAAGCATCC ATATCCATTGACTTCTAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018092
Insert Size:	3200 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:

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_018092.3](#), [NP_060562.3](#)

RefSeq Size: 3653 bp

RefSeq ORF: 1578 bp

Locus ID: 81831

UniProt ID: [Q8NC67](#)

Cytogenetics: 16q12.1

Domains: CUB, ldl_recept_a

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a predicted transmembrane protein containing two extracellular CUB domains followed by a low-density lipoprotein class A (LDLa) domain. A similar gene in rats encodes a protein that modulates glutamate signaling in the brain by regulating kainate receptor function. Expression of this gene may be a biomarker for proliferating infantile hemangiomas. A pseudogene of this gene is located on the long arm of chromosome 8. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.