

Product datasheet for **SC127454**

ETL (ADGRL4) (NM_022159) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ETL (ADGRL4) (NM_022159) Human Untagged Clone
Tag:	Tag Free
Symbol:	ETL
Synonyms:	ELTD1; ETL; KPG_003
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_022159 edited
ATGAAACGCCTCCCGCTCCTAGTGGTTTTTCCACTTTGTTGAATTGTTCTATACTCAA
AATTGCACCAAGACACCTTGTCTCCAAATGCAAAATGTGAAATACGCAATGGAATTGAA
GCCTGCTATTGCAACATGGGATTTTCAGGAAATGGTGTCACAATTTGTGAAGATGATAAT
GAATGTGGAAATTTAACTCAGTCTGTGGCGAAAATGCTAATTGCACTAACACAGAAGGA
AGTTATTATTGTATGTGTGTACCTGGCTTCAGATCCAGCAGTAACCAAGACAGGTTTATC
ACTAATGATGGAACCGTCTGTATAGAAAATGTGAATGCAAACTGCCATTTAGATAATGTC
TGATAGCTGCAAAATTAATAAACTTTAACAAAAATCAGATCCATAAAAAGAACCTGTG
GCTTTGCTACAAGAAGTCTATAGAAATTCTGTGACAGATCTTTCACCAACAGATAAATT
ACATATATAGAAATATTAGCTGAATCATCTTCATTACTAGGTTACAAGAACAACACTATC
TCAGCCAAGGACACCTTTCTAACTCAACTCTTACTGAATTTGTA AAAACCGTGAATAAT
TTTGTTC AAAGGATACATTTGTAGTTGGGACAAGTTATCTGTGAATCATAGGAGAACA
CATCTTACAAAACATGCACACTGTTGAACAAGCTACTTTAAGGATATCCAGAGCTTC
CAAAAGACCACAGAGTTTGATACAAATTCACGGATATAGCTCTCAAAGTTTTCTTTTT
GATTCATATAACATGAAACATATTCATCCTCATATGAATATGGATGGAGACTACATAAAT
ATATTTCCAAAGAGAAAAGCTGCATATGATTCAAATGGCAATGTTGCAGTTGCATTTTTA
TATTATAAGAGTATTGGTCTTTGCTTTCATCATCTGACAACCTCTTATTGAAACCTCAA
AATTATGATAATTCTGAAGAGGAGGAAAGATCATATCTTCAGTAATTTCACTCTCAATG
AGCTCAAACCCACCCACATTATATGAACTTGAAAAATAACATTTACATTAAGTCATCGA
AAGGTCACAGATAGGTATAGGAGTCTATGTGCATTTTGGAAATTAACCTGATACCATG
AATGGCAGCTGGTCTTCAGAGGGCTGTGAGCTGACATACTCAAATGAGACCCACACCTCA
TGCCGCTGTAATCACCTGACACATTTTGCAATTTTGATGTCTCTGGTCTTCCATTGGT
ATTAAGATTATAATATTCTTACAAGGATCACTCAACTAGGAATAATTATTTCACTGATT
TGTCTTGGCATATGCATTTTTACCTTCTGGTTCTTCAGTGAAATTCAAAGCACCAGGACA
ACAATTCACAAAAATCTTTGCTGTAGCCTATTTCTTGCTGAACTTGTTTTCTTGTGGG
ATCAATACAAATACTAATAAGCTCTTCTGTTCAATCATTGCCGGACTGCTACACTACTTC
TTTTTAGCTGCTTTTGCATGGATGTGCATTGAAGGCATACATCTCTATCTCATTGTTGTG
GGTGTCTCTACAACAAGGGATTTTGCACAAGAATTTTATATCTTTGGCTATCTAAGC
CCAGCCGTGGTAGTTGGATTTTCGGCAGCACTAGGATACAGATATTATGGCACAACCAAA
GTATGTTGGCTTAGCACCGAAAACAACCTTATTTGGAGTTTTATAGGACCAGCATGCCTA
ATCATTCTTGTTAATCTCTTGGCTTTTGGAGTCATCATATACAAAGTTTTTCGTCACT
GCAGGGTTGAAACCAGAAGTTAGTTGCTTTGAGAACATAAGGTCTTGTGCAAGAGGAGCC
CTCGCTCTTCTGTTCTTCTCGGCACCCTGGATCTTTGGGGTTCTCCATGTTGTGCAC
GCATCAGTGGTTACAGCTTACCTCTTACAGTCAGCAATGCTTTCCAGGGGATGTTTATT
TTTTTATCTGTGTGTTTTATCTAGAAAAGATTCAAGAAGAATATTACAGATTGTTCAA
AATGTCCCCTGTTGTTTTGGATGTTAAGGTAA

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_022159 unedited AGAATTTTGTAAACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCTCTCCGCC ACCGCCACCACTGCGGCCACCGCAATGAAACGCCTCCCGCTCCTAGTGGTTTTTTCCAC TTTGTTGAATTGTTCTATACTCAAAATGCACCAAGACACCTTGTCTCCCAAATGCAAA ATGTGAAATACGCAATGGAATGAAGCCTGCTATTGCAACATGGGATTTTCAGGAAATGG TGTCACAATTTGTGAAGATGATAATGAATGTGGAATTTAACTCAGTCCTGTGGCGAAAA TGCTAATTGCACTAACACAGAAGGAAGTTATTATTGTATGTGTGTACTGGCTTCAGATC CAGCAGTAACCAAGACAGGTTTATCACTAATGATGGAACCGTCTGTATAGAAAATGTGAA TGCAAACTGCCATTTAGATAATGTCTGTATAGCTGCAAAATATTAATAAACTTTAACAAA AATCAGATCCATAAAAAGAACCTGTGGCTTTGCTACAAGAAGTCTATAGAAATTCTGTGAC AGATCTTTCACCAACAGATATAATTACATATATAGAAATATTAGCTGAATCATCTTCATT ACTAGGTTACAAGAACAACACTATCTCAGCCAAGGACACCCTTTCTAACTCAACTCTTAC TGAATTTGTA AAAACCGTGAATAATTTTGTCAAAGGGATACATTTGTAGTTTGGGACAA GTTATCTGTGAATCATAGGAGAACATCTTACAAAACACTCATGCACACTGTTGAACAAGC TACTTTAAGGATATCCCAGAGCTTCCAAAAGACCACAGAGTTTGATACANATTCAACGGA TATAGCTC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_022159 unedited GGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGTTTCTTCAATTCTTTATTT TATGTCAACAATTTCTCAGCTAGTCTACAGAAAAACAGTTCATTCAAAATACATCTTAT CATTCCCTTTTCACTGTTTGATATTCTGCCCTTCATTCTTTATGTTCCACTTTCTGTA ATGGAGCTCATTACCGAGGTGGTAGGGACTAGTTTCAAAGGCAACACGAGTCACAGAAA TATCAAGCCAGTGGTTTCTTCCAGGACATTCATATACTTCTCGTGTAGAAAGAAAATCT TTCTTGGGTGCAGTGATATCACTCCTGAGAAACCAATTACTTTCCAAATATCTGCAATA CTATTTTTGACAGAACTATTTACATAGAAAAACATAGTATATCTATATGATACATAATT TTACCTTATTATCTACAGTTCCTATAGCATAAACAGAAAAACTGATTTAAAATACTTTTT GTCTAGTAGTTAATAATTGGATAATTTGATGAGTCATTTTTATACATTGGTCATCCACAG CTTGGAATTTTTATTTTTGTGCAGTTGTAATTATCCACCATTCTCTATGTTTACCTTAAA CATCCAAAACAACAGGGGACATTTTTGAACAATCTGTAATTTCTTCTTGAATCTTTCTA GATAAAACACACAGNGAATAAAAAAATGAACATCCCCTGNAAGCATTGCTGACTGTGAA GAAGTAAGCTGNTACCCTGATGCGTGACACATGGAGAAACCCCAAGATCCAGTGGTGC CGAGAAAGAACAGAAGAGCGAGGNCCTCTTGCACAAGACCTTATGTTCTCAAAGCACT AACTTNTGTTNCAACCCTGCAGTGTGACGAANAACCTGNTATGATGACTCCAAAGCCCA GAGATTACAGAAATGATAGCATGCTGGTCTATAAACTCCAATANNAAGTGTTCGTGCTA AGCACTACTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_022159
Insert Size:	2800 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:	<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_022159.2 , NP_071442.1
RefSeq Size:	2673 bp
RefSeq ORF:	1821 bp
Locus ID:	64123
UniProt ID:	Q9HBW9
Cytogenetics:	1p31.1
Domains:	GPS, 7tm_2, EGF_CA, EGF
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	Endothelial orphan receptor that acts as a key regulator of angiogenesis.[UniProtKB/Swiss-Prot Function]