

Product datasheet for **SC123239**

ERP27 (NM_152321) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERP27 (NM_152321) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERP27
Synonyms:	C12orf46; PDIA8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152321 edited
 CAGGAGAGGGACAATGGAAGCTGCCCGTCCAGGTTTCATGTTCTTATTTCTCCTCAC
 GTGTGAGCTGGCTGCAGAAGTTGCTGCAGAAGTTGAGAAATCCTCAGATGGTCTGGTGC
 TGCCCAGGAACCCACGTGGCTCACAGATGTCCCAGCTGCCATGGAATTCATTGCTGCCAC
 TGAGGTGGCTGTCATAGGCTTCTCCAGGATTTAGAAATACCAGCAGTGCCCATACTCCA
 TAGCATGGTGCAAAAATCCCAGGCGTGCATTTGGGATCAGCACTGATTCTGAGTTCT
 GACACACTACAACATCACTGGGAACACCATCTGCCTCTTTCGCCTGGTAGACAATGAACA
 ACTGAATTTAGAGGACGAAGACATTGAAAGCATTGATGCCACCAATTGAGCCGTTTCAT
 TGAGATCAACAGCCTCCACATGGTGACAGAGTACAACCCTGTGACTGTGATTGGTTATT
 CAACAGCGTAATTCAGATTCATCTCCTCCTGATAATGAACAAGGCCTCCCAGAGTATGA
 AGAGAATGCACAGATACCAGAAGGCAGCAAGCTCTCCAGGGGAAGATTCTCTTTAT
 TCTGGTGGACAGTGGTATGAAAGAAAATGGGAAGGTGATATCATTTTTCAAATAAAGGA
 GTCTCAACTGCCAGCTTTGGCAATTTACCAGACTCTAGATGACGAGTGGGATACACTGCC
 CACAGCAGAAGTTTCCGTAGAGCATGTGCAAAAATTTTGTGATGGATTCTAAGTGGA
 AATTGTTGAAAGAAAATCGTGAATCAGAAGGAAAGACTCCAAGGTGGAATCTGACTTCT
 CCTTGGAACTACATATGGCCAAGTATCTACTTTATGCAAAGTAAAAAGGCACAACCTAAA
 TCTCAGAGACACTAAACAACAGGATCACTAGGCCTGCCAACACACACACACGCACGTGC
 ACACACGCACGCACGCTGCACACACACACGCGCACACACACACACACACAGAGCT
 TCAATTCCTGTCTTAAAACTCCTGTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT
 CTCCCTATCCAATTTCTTCTTATCGTGCATTCATACTCTGTAAGCCCATCTGTAACACA
 CCTAGATCAAGGCTTTAAGAGACTCACTGTGATGCCTCTATGAAAGAGAGGCATTCTAG
 AGAAAGATTGTTCCAATTTGTCATTTAATCAAGTTTGTATACTGCACATGACTTACAC
 ACAACATAGTTTCTGCTCTTTAAGGTTACCTAAGGTTGAAACTCTACCTTCTTTCATA
 AGCACATGTCGCTCTGACTCAGGATCAAAAACCAAAGGATGGTTTTAACACCTTTGT
 GAAATTGTCTTTTTGCCAGAAGTTAAAGGCTGTCTCCAAGTCCCTGAACTCAGCAGAAAT
 AGACCATGTGAAAACCTCATGCTTGGTTAGCATCTCCAACCTCCATGTAATCAACAAC
 CTGCATAATAAATAAAAGGCAATCATGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_152321 unedited
 NNNNNNNNGGGGTGTTTCGNATTTTGTNATACGACTCCTATAGGCGGCCGCGNATTCANAT
 CTGGTACCGGTCCGNNATTTCCCGGGATCAGGAGAGGGACAATGGAAGCTGCCCGTCCAG
 GTTCATGTTTCTTATTTCTCCTCACGTGTGAGCTGGCTGCAGAAGTTGCTGCAGAAGT
 TGAGAAATCCTCAGATGGTCTGGTGTGCCAGGAACCCACGTGGCTCACAGATGTCCC
 AGCTGCCATGGAATTCATTGCTGCCACTGAGGTGGCTGCATAGGCTTCTTCCAGGATTT
 AGAAATACCAGCAGTGCCCATACTCCATAGCATGGTGCAAAAATCCCAGGCGTGCATT
 TGGGATCAGCACTGATTCTGAGGTTCTGACACACTANCACATCACTGGGAACACCATCTG
 CCTTTTTCGNCTGGTAGACAATGAACCCACTGATTTAGAGGACGAAGACATTGAAAGCAT
 TGATGCCACCAATTGAGCCGTTTCATTGAGATCAACGCCTNCACATGGTGACAGAGTAC
 ACCCTGTGACTGGGATGGGGTATTCAACAGCCGTTTTCAGAAATCATCTCTCCCTGATA
 TGAACCAGGGCTCCCGAGTATGGAGAGGACTTGCCCGTCCAGGAAGCAGCCAGCTCT
 TCCAAGGGAAGATTCTTTAATCTTGTGGACAGTGGTATTAATAAATTTGGNAGGGGGT
 ATCACTTTTTAACCTAAGGGGACTCACCTGGCACCTTTTGGCAATTTCCAGAATCTTTT
 ATGACCGGGGGGACCCCTGGCCCCACCAAAATTTCCCTGAAAGACGGTGCAAAAATTT
 TGGGTGGGTCCCAAAGGGGAAAATGC

Restriction Sites: Please inquire

ACCN: NM_152321

Insert Size: 1641 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).
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_152321.1 , NP_689534.1
RefSeq Size:	1641 bp
RefSeq ORF:	822 bp
Locus ID:	121506
UniProt ID:	Q96DN0
Cytogenetics:	12p12.3
Gene Summary:	<p>This gene encodes a noncatalytic member of the protein disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins. The canonical protein has an N-terminal signal sequence, two thioredoxin (TRX)-like domains and a C-terminal ER-retention sequence. Alternative splicing results in multiple transcript variants encoding distinct isoforms; some of which lack domains present in the canonical protein. [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>