

Product datasheet for **SC322204**

ERLEC1 (NM_015701) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERLEC1 (NM_015701) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERLEC1
Synonyms:	C2orf30; CIM; CL24936; CL25084; HEL117; XTP3-B; XTP3TPB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322204
 GGCGGCGGTTGGGCCGGTGATACCCGGGCGCTTTATAGTCCCGCCGCTCCTCCTCCACC
 TCCTCCTCCTCCTCCTCCTCCTGGAGCAGAGGAGGTTGTGGCGGTGGCTGGAGAAAGC
 GGCGGCGGAGGATGGAGGAAGGAGGCGGCGGCGTACGGAGTCTGGTCCCAGGCGGGCCGG
 TGTTACTGGTCTCTGCGGCCTCCTGGAGGCGTCCGGCGGCGCCGAGCCCTTCTCAAC
 TCAGCGATGACATCCCTTTCCGAGTCAACTGGCCCGCACCGAGTTCTCTGCCCACAA
 CTGGAGTTTTATATAAAGAAGATAATTATGTCATCATGACAACGCACATAAAGAAAAAT
 ATAAATGCATACTTCCCCTTGTGACAAGTGGGGATGAGGAAGAAGAAAAGGATTATAAAG
 GCCCTAATCCAAGAGAGCTTTTGGAGCCACTATTTAAACAAAGCAGTTGTTCTACAGAA
 TTGAGTCTTATTGGACTTACGAAGTATGTCATGGAAAACACATTCGGCAGTACCATGAAG
 AGAAAGAAACTGGTCAGAAAATAAATATTCACGAGTACTACCTTGGGAATATGTTGGCCA
 AGAACCTTCTATTTGAAAAAGAACGAGAAGCAGAAGAAAAGGAAAAATCAATGAGATTC
 CCACTAAAAATATCGAAGGTCAGATGACACCATACTATCCTGTGGGAATGGGAAATGGTA
 CACCTTGTAGTTTGAACAGAACCGGCCAGATCAAGTACTGTGATGTACATATGTCATC
 CTGAATCTAAGCATGAAATCTTTTCAGTAGCTGAAGTTACAACCTGTGAATATGAAGTTG
 TCAATTTGACACCACTCTTGTGCAGTCATCCTAAATATAGGTTTACAGGCATCTCCTGTGA
 ATGACATATTTTGTCAATCACTGCCAGGATCTCCATTTAAGCCCCCTCACCTGAGGCAGC
 TGGAGCAGCAGGAAGAAATACTAAGGGTGCCTTTTAGGAGAAATAAGAGGAAGATTTGC
 AATCAACTAAAGAAGAGAGATTTCCAGCGATCCACAAGTCGATTGCTATTGGCTCTCAGC
 CAGTGTCTACTGTTGGGACAACCCACATATCCAATTTGACAGATGACCAACTCATAAAAG
 AGTTTCTTAGTGGTCTTACTGCTTTTCGTGGGGTGTGCGTTGGTGGAAATATGAATTCT
 GCTATGGCAAACATGTACATCAATACCATGAGGACAAGGATAGTGGGAAAACCTCTGTGG
 TTGTGCGGACATGGAACCAAGAAGAGCATATTGAATGGGCTAAGAAGAATACTGCTAGAG
 CTTATCATCTTCAAGACGATGGTACCCAGACAGTCAGGATGGTGTACATTTTTATGGAA
 ATGGAGATATTTGTGATATAACTGACAAACCAAGACAGGTGACTGTAAAATAAGTGCA
 AAGAATCAGATTCACCTCATGCTTACTGTATATATGCTAGAGCCTCACTCCTGTCAAT
 ATATTCTTGGGGTGAATCTCCAGTGATCTGTAATACTTAGATACAGCAGATGAAAATG
 GACTTCTTCTCTCCCAACTAAAGGATATTAAGTTAGGGGAAAGAAAAGATCATTGAA
 AGTCATGATAATTTCTGTCCCACTGTGTCTCATTATAGAGTTCTCAGCCATTGGACCTCT
 TCTAAAGGATGGTATAAAATGACTCTCAACCACTTTGTGAATACATATGTGTATAAAGA
 GGTATTGATAAACTTCTGAGGCAGACATTTGTCTCGCTTTTTTTCATTTTTTGTGTGTC
 TTATAAATGACTGTTTTTCTTTGCTTGGATACTGTGATTCAAAATAAATCTCATCCAA
 GCAAGTTAGAGTCCAGCCTAATCAAATGCATAATTGTTGTACCTATTGAAAGTTTTTAA
 ATAATAGATTTATTATGTAATATAGTATATGTAAGTAGCTAATGAAGTAAAGATCATG
 AAGAAAGAAATTGATAGGTGTAATGAGAGACCATGTAATAATGTAATTTCTAGTACCT
 GAAATCCTTTCAACAGATTTTTATAGCAACTGCTCTCTGCAAGTAGTAAACTAGAAA
 CTGGGCACATGGTAGAGGCTCACATGGGAGTTGCTCCTCACCTTGTTAATCTCAAGAAAC
 TCTTATTTATAATAGGTTGCTTCTCTCAGAACTTTTATCTATTACTTTTTTCTTCTTA
 TGAGTATGTTTACTCTCAGAGTATCTATCTGATGTAGACAGTTGGTGTGCTTCTGAGAC
 TCAGAATGGTTTACTCTAACAAAACACTGTGCTGTCTATCCCTTGTACTTGCCCTACTGTA
 ATATGGATTTCACTTCTGAACAGTTTACAGCACAAATTTATTTTAAAGTGAATAAATG
 TCCACAAGCAAA

Restriction Sites: Please inquire

ACCN: NM_015701

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_015701.2 , NP_056516.2
RefSeq Size:	2412 bp
RefSeq ORF:	1452 bp
Locus ID:	27248
UniProt ID:	Q96DZ1
Cytogenetics:	2p16.2
Protein Families:	Secreted Protein
Gene Summary:	<p>This gene encodes a resident endoplasmic reticulum (ER) protein that functions in N-glycan recognition. This protein is thought to be involved in ER-associated degradation via its interaction with the membrane-associated ubiquitin ligase complex. It also functions as a regulator of multiple cellular stress-response pathways in a manner that promotes metastatic cell survival. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 21. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1, also known as hXTP3-B-long).</p>