

Product datasheet for **SC316619**

ASXL3 (NM_030632) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASXL3 (NM_030632) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASXL3
Synonyms:	BRPS; KIAA1713
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316619 representing NM_030632. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTT TAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAAGACAAGAGGAAGAAGAAGGACCGCACCTGGGCCGAGGCTGCCCGCTGGCACTAGAAAAACAC
CCCAACTACCAATGACAGCAAAGCAGATATTGGAAGTCATTAGAAAGAAGGGTTAAAGAAACAAGT
GGAACCTCTCCATTAGCCTGTCTGAATGCAATGCTTCACACTAACCTCGAATAGGGGATGGAACATTC
TTCAAAATCCCTGGAAAGTCAGGCCTCTATGCTCTCAAAAAGAGGAGTCGTCATGCCAGCAGATGGC
ACGTTGGATTTAGTCTGTGAATCTGAATTGGATGGTACAGATATGGCCGAGGCAAATGCCATGGAGAA
GAAAATGGAGTTTGTTCGAAGCAGGTAAGTATGAAGCATCTTCCACTCGAGATTCAGCCTTACTAAC
ACAGCAGTGCAAAGCAAGTTAGTGTCTTCCTTCCAGCAGCACACCAAAAAGGCTCTTAAACAGGCTTTG
AGGCAGCAGCAGAAAAGAAGAAATGGAGTCTCAATGATGGTAAACAAGACTGTTCTCGTGTGTTTTG
ACACCATTAAGGTGTCTGATGAGCAGTCGGATTTCGCCTTCAGGATCTGAATCTAAAAATGGTGAAGCA
GACAGTTCAGATAAGAAATGAAACATGGGCAAAAATCTCCCACTGGAAAAACAACAGTCAGCACTTA
AAACGATTAAGAAAGTCTGGTTTAGGGCACTTGAAATGGACCAAGCTGAGGACATTGACATAGAAACC
CCAGGATCTATTCTGTCAACACTAAGTGGGGCATTAAATAAATAACATACGTTTGCTTCCTTACCT
CAGCATTTTCAACAATACCTCCTGCTTTTGCTCCAGAAAGTGGATAGGCAGATGGGAAGTGATGGAATT
TTACGCCTCAGTACTTCAGCTCTAAATAATGAATCTTTGCATATGCAGCACAAGGTGGAAACAGCGA
CTGGCAGAAGGAGAGTTTACCCAGAAAATGCAGTTGCGGATAAGGCAAGAAATTGAGAAGGAAAAAGAAA
ACAGAACCTTGGAAAGAAAAATCTTTGAGAGGTTTTATGGAGAAAAGCTGGGCATGTCAAGAGAGGAA
TCTGTGAAGCTCACTACTGGACCAACAACGCTGGAGCTCAAAGTAGTTCTTCATGTGGGACTTCTGGC
CTTCCAGTTTCTGCACAGACAGCCTTGGCAGAACACAGCCAAAAGCATGAAAAGCCCAGCTTCTCCA
GAGCCTGGTTTCTGTGCTACTCTTTGCCCTATGGTAGAAATCCACCTAAAGATATAATGTCAGAAATTG
GAGTCAGAGGATATCTTGATCCCTGAAGAATCTGAATTCAGGAGGAAATGCAGAAGAGGTAGAGACT
AGTATCTGTGAATGCCAGGATGAAAATCATAAGACAATACCTGAATTTTCTGAGGAGGCTGAAAGCTCA
ACCAATTCTCATGAAGAACCCCAATAGCACCTCTGAAGATAACTTGGAATCCTGTGTATGATGAAT



[View online »](#)

GATGTTTTAGAACTTTGCCTCATATTGAAGTTAAGATAGAAGGGAAGTCAGAATCACCCCAGGAAGAA
 ATGACAGTTGTTATCGATCAGTTAGAAGTCTGTGACTCTCTTATTCCTTCCACTTCATCTATGACTCAT
 GTCAGTGACACAGAACATAAGGAGTCAGAACTGCAGTAGAGACCAGTACCCCCAAAATAAACAGGG
 TCATCTTCTCTAGAAGGCCAGTTTCAAATGAAGGAATTGCTATAGATATGGAGCTACAGAGTGACCCT
 GAAGAACAGCTTTCAGAAAATGCCTGCATCTCTGAAACGTCTTTTCTTCTGAGAGCCCAGAGGGAGCC
 TGTACCAGCCTGCCTTCTCCAGGAGGGGAAACACAGTCCACATCAGAAGAATCATGTACTCCAGCCTCC
 CTTGAGACAACATTTTGTCTGAGGTATCTAGCACTGAAAATACAGACAAATACAACCAGAGAAATTCC
 ACTGATGAAAACCTTTCATGCATCTTTGATGTCAGAAAATATCTCCAATATCCACTTCACCTGAAATATCA
 GAAGCATCTCTTATGTCCAACCTACCATTAACTCTGAAGCATCACCAGTATCCAACCTACCTTTAACA
 TCAGAAACCTCACCGATGTCTGACTTACCTTTAACATCAGAAACTTCTTCAGTGTCTTCCATGCTTCTC
 ACCTCTGAGACCCTTTGTATCCAGTTTGCCACTTCTTCAGAAACATCTCCAATTTCAAACCTTTCC
 AATAATGAGAGAAATGGCACATCAGCAAAGAAAGTCACCTTCTGTATCTGAAGAGCCACTTCCCCGAG
 AAAGATGAGTCTTCCGCCACTGCCAACCTCTGGGAGAGAACCTTACCTCCAGCAGAAGAATCTGTCT
 AATACTCCCGAACCCATCATAATGAGTTCTTCTCCATTGCTCCTGAAGCATTTCGCTGAAGATTG
 CACAATAAGACCCTGAGTCAGCAAACCTGTAAATCACATGTTGACACTGAGAAGCCCTACCTGCTTCA
 ATTCCAGAACTTGCTTCTACTGAAATGATAAAAGTTAAAAATCATAGCGTCTGCAAAGAACAGAAAAA
 AAAGTGTTACCTTACCATTGGAATTATCTGTCTTTTCTGAAGGGACAGATAAATAGGGAATGAGCTT
 CCATCTGCTAAATTACAGGACAAGCAATATATCTCATCAGTGGATAAGGCTCCATTTTCAGAAGGCTCT
 AGAAATAAAACACATAAGCAAGGGAGTACACAGAGTCGGTTAGAAACCTCACATACTTCCAAGTCATCA
 GAGCCCTCCAAGTCACCTGATGGGATAAGAAATGAAAGTAGAGATTAGAGATATCAAAGAGAAAAACT
 GCAGAGCAACACAGCTTTGGAATCTGTAAAGGAAAGAGAGCTAGGATAGAAGATGATCAGTCAACCCGG
 AACATATCATCTAGCAGCCACCTGAGAAAGAACAGCCTCCCAGAGAGGAACCAAGGGTTCCCCCTCTC
 AAGATTGAGCTTTCCAAAATTGGGCCACCTTTTATAATCAAGAGCCAACCAGTCTCCAACCTGAGTCT
 CGAGCATCCACTAGCACATCTGTGACTGGCGGGAGGAACACAGGAGCCAGGACCCCTCGCAGATATCAAG
 GCCCGGGCCCAACAGCTCGGGCCAGCGAGAGGCTGCTGCAGCTGCTGCTGTGGCTGCTGCAGCGAGC
 ATTGTCTCTGGAGCCATGGGAAGTCCAGGAGAGGGTGGAAAGACGAGAACTCTGGCACACATCAAAGAG
 CAGACAAAGGCTAAGCTCTTTGCAAAGCATCAAGCTCGAGCCCATCTCTTCCAGACCTCTAAAGAGACC
 CGGTTGCCTCTCCGCTCAGCTCAAAGGAAGGGCTCCAACTTAGAAGTCTCTTCTACCCCTGAAACA
 AAAATGGAAGGTTGACTGGTGTCTATTATTGTCAATCCAACTGTAGATCTCTAGCAACAAGTCTGCC
 CACCTCCGGGAGACCACCACTGTACTACAGCAGTCTCTTAACCCAAGTAACTTCCAGAACTGCCACT
 GACTTATCTGTGCATAGTTCTGATGAAAACATACTGTGTGCATTTATCTGAGAAAATTGTTTCATCT
 ACCTCTTCTGAAAATAGCAGTGTGCCCATGCTTTTTAATAAAAAATCTGTCCCTGTATCTGTTTGAGC
 ACTGCTATATCGGGAGCAATTAAGAACATCCCTTTGTGAGTTCTGTTGATAAATCCTCTGTCTCTAATG
 TCTGTTGACAGTGCAAACTACAATTTCTGCTTGAATATAAGCATGTTAAAAACCATCCAGGGAAT
 GACACTCCATGCATAGCCATTATACAAAATGTATTGAAAGCACTCCCATTTTCAGCCACTACAGAGGGC
 TCCAGCATATCAAGCTCCATGGATGATAAGCAGTTACTAATATCAAGCAGCAGTGTAGTAACTTAGTC
 TCCACTCAGTACACCTCTGTGCCAACTCCCTCCATCGGAAACAATTTGCCAAACCTCTCCACTAGCTCT
 GTCTTGATTCCCCAATGGGAATTAACAACAGATTTCTTCTGAGAAGATAGCCATACCTGGGAGTGAA
 GAACAGGCCACTGTATCCATGGGTACCCTGTGAGAGCAGCCCTCAGCTGCAGTGATTCTGTAGCGGTC
 ACAGACTCTCTGGTTGCACACCCGACCGTCGCAATGTTTACTGGAACATGCTGACAATAAACTCTTAT
 GATAGTCTCCCAAGTTAAGTGCTGAAAGCTTGGAACAAAATTCAGGGCCTCGAAACAGGGCAGATAAT
 TCTGGAACCTCAGCAACCACAGGGGCTTTGCACCAGCAGCCATAAACCGATCAATTCGCTGTAAA
 GTCATCGTTGACCACAGCACCACGCTGACCTCCAGTTTGTCTCTGACTGTCTCCGTTGAAAGCTCAGAA
 GCCAGCTTGACCTGCAGGGCAGACCAGTGAGGACAGAGGCATCCGTACAGCCCGTGGCGTGTCTCAG
 GTGTCTGTGATTAGCAGGCTGAGCCAGTTGCCAACGAAGGTATAGATCACAGTTCCACTTTCATTGCT
 GCTTCGGCAGCAAAACAAGACAGTAAACATTGCCGGCCACCTGCACAAGTCTCCGAGAATTACCCCTT
 GTTCCAGATAAATTAATGAGCCGACTGCTCCAGTCATAACTTTGCTGAGCAGGCAGTGGCCAGCT
 CCTTTCAAAGTGAAGCAGACACAACCTGTAGCAATCAGTATAACCCAAGTAACCGGATTGCTGGAAT
 GATGATGGGATGAGGAGCACAGGACAGCCTCTGGTTACTCACTCGGGTTCAAGTAAACAAAAAGAATAT
 CTAGAGCAAAGCTGTCAAAGGCTATCAAACTGAACATGCCAACTACTTGAACGTGTGAGAATTCAT
 CCCAGGAATCTTGTAACAAATGTTGCTTCTCTGTGAAATCTGAACTTCACGAAGCAGACAAGGGCTTT
 AGAATGGACACTGAAGACTTCCCTGGCCCTGAGCTGCCTCCTCCGGCTGCAGAGGGAGCCTCTAGTGTA

CAACAAACACAGAACATGAAAGCTTCCACCTCAAGTCCCATGGAAGAGGCTATTTCTTGCTACCGAT
 GCCCTGAAGAGAGTCCCTGGTGCAGGGAGCTCAGGCTGTCTGTCTCTGTGGAGGCTAACATCCG
 CTGGTGACGCAGTTACTACAGGGCAACCTGCCTTTGAAAAAGTGTGCCACAGCCCAGATTGGGAGCC
 AAGCTTGAATCAACAGGCTTCCATTGCCTCTTCAAACACCTCAGTGGGTAAACAGCACCAGAGAGA
 AACGTTGAAATTCGCCCAGCTCTCAAATCCAGATGGTAAGGGTACTTGGCAGGGACTCTGGCACCA
 CTCCAAATGAGAAAGCGAGAAAAACCCCAAAAGAGAGTAGCTAGGACTGTAGGAGAACACACTCAA
 GTTAAATGTGAACCAGGAAAAATTGTTGGTGGAGCCAGATGTTAAAGGGTGCCTTGTGTATCAGTTCC
 GGCATCAGTCAGCTAGGACACAGCCAGCCATTTAAGCAAGAATGGCTAAACAAGCACTCCATGCAGAAC
 AGAATTGTTACAGCCCTGAGGTCAAACAGCAAAAGCGGCTGCTCCCTCGTGTAGCTTCCAGCAGAAC
 CTATTTTCATGTTGACAAGAATGGCGCTTCCACACTGACGCTGGTACCTCACACAGACAGCAGTTTAC
 CAAATGCCTGTGGCTGCCAGGGGCCCCATTCTACTGCAGCTCTGTTACAGGCCTCTTCAAGACCCCA
 GTGGGGTGTAAATGCATTTGCCTTCAACAGGCATCTTGAACAGAAGGGATTGGGAGAGGTTAGTCTTCC
 TCAGCACCTCACCAGCTAAGGTTAGCCAACATGTTATCCCCAATATGCCCATGAAAGAAGGTGATGAG
 GTGGGAGGCACTGCACACACAATGCCAAACAAAGCACTAGTACATCCGCCGCCGCCACCGCTCCCCCT
 CCCCCTCCACCCTTGGCTTTGCCCGCGCTCCCCCCCCACCACCTCCGCTACCTCCACCTCTCCCTAAT
 GCAGAAGTCCCATCTGATCAAAAACAACCTCCAGTTACCATGGAACCACTAAGAGACTTAGTTGGCCA
 CAGTCCACGGGCATATGTAGCAATATAAAATCGGAACCTCTTTCTTTTGAGGAAGGTTTAAAGCAGAGC
 TGTGAAGTGGGCATGAAACAAGTTTCTATGACCAGAATGAAATGAAAGAACAGTTAAAAGCATTGCG
 CTAAAAAGTGCAGATTTCTTCTTCTATTGCTTCTGAGCCACAAAAGCCTTTTACCCAATTAGCTGCT
 CAGAAAATGCAGGTGCAGCAACAACAGCAGCTCTGTGGAAATTATCCAACAATACACTTTGGTAGCAG
 AGTTTCAAAGGGCAGCATCTGCAATTGAAAAGTCCATTGGGATTTTGGGAAGTGCTCCAATCTGCC
 ACAGGCTTGTCTGGTCAGAACGCTCAGATGCCCCGTTGAGAATTTGCCGACAGCAGCAATGCAGATGAA
 TTGGAAGTGAATGCTCTTGCCGGCTGAAAGCCATGATTGTGTGCAAGGCTGTGGGGCCTTCTGCCAT
 GACGACTGCATAGTCTTCAAACCTTTGTGTAGCATGCCTGGTTGTACGATAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_030632
Insert Size:	6747 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_030632.2](#)

RefSeq Size: 11402 bp

RefSeq ORF: 6747 bp

Locus ID: 80816

UniProt ID: [Q9C0F0](#)

Cytogenetics: 18q12.1

MW: 241.9 kDa

Gene Summary: This gene encodes a protein containing a plant homeodomain (PHD) zinc finger domain that plays a role in the regulation of gene transcription. The encoded protein has been shown to negatively regulate lipogenesis by binding to and inhibiting the transcriptional activity of two nuclear hormone receptors, oxysterols receptor LXR-alpha (LXRalpha) and thyroid hormone receptor beta (TRbeta). The encoded protein may also inhibit histone deubiquitination. Mutations in this gene have been identified in human patients with Bainbridge-Ropers syndrome, which is characterized by feeding difficulties, developmental delay and other features. [provided by RefSeq, May 2017]