

Product datasheet for **SC314495**

FBXO34 (NM_017943) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	FBXO34
Synonyms:	CGI-301; Fbx34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC314495 representing NM_017943.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCACCTAAAGCCATATTGGAAGCTCCAGAAGAAAGAGCACCCCCGGAAGTCAGCAGGGAACGCAG
AGAATCCTATGAACCAAAAAGGCTGTAATGATGAAACATGCAAAGCTAGCCACATAACATCAAGT
GTCTTTCCTTCAGCCTCTCTCGGTAAGCATCATCTCGAAAGCCATTTGGGATCCTTTCTCCAAATGTT
CTGTGCAGTATGAGTGGGAAGAGTCTGTAGAGAGCAGCTTGAATGTTAAACCAAAAAGATGCACCA
TCTGCAACGATCCACAGGGCGAAGAAGAGGACCCTTGATATCTGGGCTGTTGTGAACCTGGAAT
ACCAAGGAAAAAATGCATTCTTGCATCCACCAGTGTAGTAACAGGATAGGATCTATGAAATAAAA
AGTTCCCTGGGATATTGATGGGAGAGCTACTAAGAGAAGGAAAAAATCAGGGGATCTTAAAAAGCCAAG
GTACAGGTGGAAGGATGAGGGAGGTTAACAGCAGGTGCTACCAACCTGAGCCTTTTGCATGTGGCATT
GAGCACTGTTCTGTGCACTATGTGAGTGACAGTGGGATGGAGTCTATGCTGGGAGGCTCTGTCAAGT
ATACAGATGGTTGCCTTCTGGAGCAAAGAGCCAGTGTCTGCTAGCTAGCTGTTCAAAAACTGCACA
AACTCACTGCAATTGTGAGGTTTTCTGGCCAATCCAGAGGTGTGCTGCAAGTGTCTGAGTCTATTCT
GCCCCAGGAGCTTGTGAAGAACCCACAGAAAGGGGAAATCTTGAGGTTGGTGAACCAAGAGCGAACCA
GTCCGTGTCCTTGACATGGTAGCCAAGTTGGAGTCTGAGTGCCTGAAGCGGCAGGGCCAGCGTGAGCCT
GGGAGCCTCTCAAGGAATAACAGCTTCCGTCGAAATGTGGGCAGAGTATTGCTTGAATAGCACTCAG
GCTGATGAAGGCAAAACAAAGAAAGGCGTCTTGAGGCACCTGACACTCAGGTGAATCCTGTGGGCTCT
GTATCTGTGGATTGTGGCCCTTCAAGAGCTGATCGTTGTTCTCCTAAGGAGGACCAGGCCTGGGACGGT
GCTTCTCAGGACTGCCCCCATTTGCCAGCAGGAGTGAGTTTCCACATAGACAGTGCAGAGTTAGAGCCG
GGTTCGCAACTGCCGTGAAAAACAGCAACAGATATGATGTGGAATGACAGATGAAGTCTGTTGGTTA
CCTTTTTCTCTCATACCTATTTCCCAAGCCTCTGAATTGCCACAGATGCTGTTGATTGTATGAGCAGA
GAGCTTGTGTCCCTTACTAGCCGAAATCCTGATCAAAGAAAAGAAATCTTGTGCATTAGTATCACTGTG
TCCAAGGTAGACAAAGACCAGCCTTCCATTTTAACTCCTGTGAAGACCCAGTTCAGGGATGTTGTTT
TTTTTGCCACCTGGTCAGCACTTGTGCACTATTCCCAGTTGAATGAAAGCACAACAAAGAGTCTTCA
GAGGCCAGCCAGCTTGAAGATGCTGCTGGGGGTGACAGTGCACTCTGAGGAAAAAAGTGGGTCTGCTGAG
CCATTTGTAAGTCCAGCCTCTTCTGTGGAAGTACATTACCAGTGCTTGAGGCATCCAGTTGGAAGAAG
CAGGTGTGCGATGACTTCTGGAGACCAGGTTTAAATCCAGCAGCTTTTGGAGCCTCAGCAGTACATG
GCTTTTCTGCCCAACACATTATGGTAAAAATCTTCAAGTTACTTCCACCAAGAGTTTGTGGCCCTT
AAATGTACCTGCTGCTATTTCAAGTTTATCATTGAGTACTACAATATCAGGCCAGCAGATTCTCGCTGG
GTTTCAGATCCACGCTATAGAGAGGATCCTTGCAACAGTGAAGAAAAAGTATGTGAAGGGGATGTG
TCCCTGTGCCGATGGCACCCCAAGCCCTATTGCCAGGCATTGCCCTATGGGCCAGGGTATTGGATGTGC
TGCCACCGTCTCAGAAAGGATTCCCTGGCTGTAAGCTGGGGCTTCATGACAATCACTGGGTCTCTGCC
TGCCACAGCTTTAATCGGGCAATCCATAAGAAAGCAAAAGGGACTGAAGCTGAAGAGGAATCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

Sgfl-MluI

ACCN:

NM_017943

Insert Size:

2136 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_017943.3
RefSeq Size:	3468 bp
RefSeq ORF:	2136 bp
Locus ID:	55030
UniProt ID:	Q9NWN3
Cytogenetics:	14q22.3
Domains:	F-box
Protein Families:	Druggable Genome
MW:	78.7 kDa
Gene Summary:	Members of the F-box protein family, such as FBXO34, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the more frequently occurring and longer transcript. Variants 1 and 2 both encode the same protein.