

Product datasheet for **SC103630**

C6orf120 (NM_001029863) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C6orf120

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC103630 sequence for NM_001029863 edited (data generated by NextGen Sequencing)

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ATGGCCGCTCCCCGCGGGAGGGCCGCGCCCTGGACGACGGCCCTGCTGCTGCTCCTAGCC
TCGACAGTCTGTCTCCGGGAAGCTGCGCGGACGAGGAGAGTCCCCGAGGAGTGGGTG
CTCCTGCACGTCGTCCAGGGCCAGATAGGCGCCGGGAACACAGCTACCTGCGGCTGAAC
CACGAGGGCAAGATAGTCCTCAGGATGCGCAGCCTCAAGGGAGATGCGGATCTGTACGTC
TCCGCCAGCAGCCTGCACCCAGCTTCGACGACTACGAGCTGCAATCGGCCACCTGCGGC
CCGGACGCCGTGTCCATCCCCGCGCACTTCGGCGCCCAGTGGGCATCGGCGTCTATGGA
CACCCCTCCACCTGGAGAGCGAGTTCGAGATGAAGGTGTACTACGACGGCACGGTCGAG
CAGCACCCGTTTCGGCGAGGCCGCTACCCGCGCCAGCGCGCAGATGCCGGCCAGAAGCAC
GCTGGTGCCCCGAAGACGCCTCGCAAGAGGAGGAATCTGTTCTCTGGACGATATTAATT
AGCATTTTGAACTGGTACTTGAAATTCTCTTTGA
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Clone variation with respect to NM_001029863.1



5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_001029863 unedited
 ACTATAGCGCGCCGCAATTCGCACGAGGCAGGAGTATAAGGCGCGGCCCTGCGGGGA
 GTGGTGGTGAGTCCGAGGGTGCCACAGCGGCCCTGCCCTGCCCTGCCCTGAG
 TGGGCGCCGCGCTCGGGGGAGGGGTTAACCACCCCTCCTCCCGGGGCTCACGCGGG
 TGGAAGGGACAGTCCCAGCGACAGACCAGGCGCTGGACGCGCTGGACCCGCGTGCG
 GACGGCGGGACAGGCTCCGGTGCTGAGCGCTCCGGTGCCCCAGCAGCACTGACCCAC
 TTGACGGCCCCGAGCTGAGCCGCCAGCCATGGCCGCTCCCGCGGGAGGGCCGCGCCCT
 GGACGACGGCCCTGCTGCTGCTCCTAGCCTCGCAGGTCTGTCTCCGGGAAGCTGCGCGG
 ACGAGGAGGAGTCCCCGAGGAGTGGGTGCTCCTGCACGTCGTCCAGGGCCAGATAGGCG
 CCGGGAACACAGCTACCTGCGGTGAACACGAGGGCAAGATAGTCCTCAGGATGCGCA
 GCCTCAAGGGAGATGCGGATCTGTACGTCTNCGCCAGCAGCTGCACCCAGCTTCGACG
 ACTACGAGCTGCAATCGGCCACCTGCGGCCGAGCGCGTGTCCATCCCGCGCACTTNC
 GGCGCCCAAGTGGGCATTGCGCGTCTATGGACACCCCTCCACCTGGAGAGCGAGTTCGAG
 ATGAAAGTGTACTACGACAGCACGGTCAATCACACCCCTTTGGAGAGGCGCTACCCGG
 CCAAGGGGCAATGCCGCCAAAACACGCTGTTCCCCGAAGACCCCTCCAAGAGAAGAA
 ATCTGTCTCTAGACAATTAATAACATTTTAACTGGACCTTGAATCA

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_001029863 unedited
 AGCTGTGGTACGCGGCCCGCATTCTANGATCGAGTTTTTTTCTTTTTTAAAGTTTTT
 CACAAACGTTTATGTACACGCCAATGTATGCATGAGACATCTTTCAATAAAAATGTTTA
 AACTGATTTTTTTTTAAATACCACTATACCAATGAGGATAAGCTGATTTTTTAACTTAGA
 TTTTATAGCTCTAGTTTTGCAGTTTTGGAAAATAGCAGTTTTAAACAAAATTAATATAT
 GAGCTATTTAAATGGTCTTTTAGAGTAAGTCTTACACATAATGGTCATTTGCTACTTG
 GATTTTCTTGCCAATTAATAGTGACATTTGACATTGTATTTAGTCTTTCTTCCATTCA
 TTAAACAAATCTTACTGTGCATGTAGGGAGTATAGAATGCTACATTTAATCTTACGAGAT
 CATGCTGTTTACCAATTTTATGATGAAATTAATGCTTTCTCAGTAGGCAGTCTTACAT
 TGTAGGCAGACTCCTGTCAAGTTTTGTCTTTCAAAATGGTCCTCATTAGCAAGTTACCAA
 AAGTAAAAATAGGGCAATAAAGTAACAGAAATCCTTTTAAACCCATAGTAAGCTCTTCTG
 GCATGAATTTATAGCCCTCTTCTACCCTTCCAGCCAAAGGTCAATCCAAATGCTATATGT
 GGAATTTTGTCTGAGGGTAGGAGTCCAACAAGAAAGGAAAGGGCTGATCACTTATACAC
 TGCTCCCAATGTGAGAATAGTGGTAAGTATTGAAATGGTCTTTTAAATTTTAAACCCG
 TATTTATTGGTTCAAAAAGTAAATTTATAGGTTTCAGGGCAGATTTCAACCAAGAGTC
 CCCAAATTAATACCCAGGGTAGCTTTGTGAGGCATAGACAGCCCATGGGTTTNCCTCT
 ACATGGATATTCATTTCTCTTTGGCGATGGGCATTATTACCATTCTCTGAAAGTCTAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_001029863

Insert Size:

4500 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:	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:	<u>NM_001029863.1, NP_001025034.1</u>
RefSeq Size:	4219 bp
RefSeq ORF:	576 bp
Locus ID:	387263
UniProt ID:	<u>Q7Z4R8</u>
Cytogenetics:	6q27
Gene Summary:	This gene encodes a conserved, N-glycosylated protein that likely functions in the cellular response to endoplasmic reticulum stress. This protein is able to induce apoptosis in vitro in CD4+ T-cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015] Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter isoform (1). COMPLETENESS: complete on the 3' end.