

Product datasheet for **SC214438**

C14orf45 (BBOF1) (NM_025057) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	C14orf45
Synonyms:	C14orf45; CCDC176; FBB10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_025057
Insert Size:	1423 bp



Insert Sequence:

>SC214438 3'UTR clone of NM_025057

The sequence shown below is from the reference sequence of NM_025057. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCTCAGGAGTCTGACACAGGAACCTTCAGAGAAGCACTGATTATGACCTCACAGATGCTGCTGGCAGTC
CCTTCCTTGCAGAATCCTTGCTCCTGAATATCTTTAAGAAAATTTCTTAAAGGAAAAGACAAAAATTT
AACTCAAAAGTTACCTGTTTGCCATAGAAATGGTGTCTCCCTGAAGGAGGATCGAGAGCCGGTGAAT
GAGAACATTGGCAAAGGCACTGGAATGGGACATTCCTCCACCTAAAAACAGAACAAATCCGTGTCAT
ATCCTAAGGACAAAAGAACTCTCCATTTAGAAACACAAAGGCATCAGAGACCAGTTTTAAATACCCACC
TTCTACCCTATCCTCTACCCCATGAACTTTCATTCTGAGGAAGAAATGGGGCAATGTGGGAGGTCATG
GGGGCAATCTTAAACCAATGACTCACCATTATTTACTGTTTCTCTTAGGAAATAGTAAATGGATATAA
GAATCTCTTAAAAATTCGTTACGAACCTGTCCAACATCCACCAAGTGGGCATATTTCCGAGCAGTGG
CTCCATTGGTGGTGAAGATGGCAGTTCCATTTCCATATGGGTGTTATTACAATCTGGATGGCTTCAT
CCAATGTTTCTGTCTCCAGAACCACAAGAACTGGACCAAAAAATCTCCTCTTTGTAACAGGTCATATTTG
GCTGCCAGGAGTGATGCATCCAGAAAAGAGTCAGCTTTTTGGATTCTGAGTATTTTATGCTTATTTGG
TACTTTCACTTACTACACATCATTTACGTGGACAACCTTCATATTACTAATCTCTTTTCATTTCAAATC
ACCTATTTAAAAAAGTCCCTCTCTCAAGTGTATTCCGTCTTCCAAGTTACCAATCATATAAACAACCT
TGGAATTCCTATCAACAATAACCACACTTCTTTAAGGGAAGTGTATCTTTAGTTCATGACCCATCATCA
GCTGCCTTTTTAATACCTGAACGACTAGTTTCATCCAATTGTTATCAAAAAGTTACATGAAAATTTATT
TTTTATAAATCCAATCTATAGTAAATATACCAGGATAATTTTTCTCTTTACAGAAACCCCATGCTGTTT
TCTGTAAACATAAAATCCATTCTTATTCACTCCTTTGCCTCCCAATATGTCTGTATGTTTATATTTT
GATATCAGGTCGCAGACACTCAAAACATCCTTCACCATGCAATTAATGTTTGTGCTGATAAACGGATT
TTTCTGTATGGTCTGTGGCAAGAGATTTCAATTTCTACTGCACTTACATTCACACTTGATGATTC
ACTATTATAGTAAGGATATATGAATTTCAAAAAATGCCTCATAACCTCAATTTTTAAGTCATGTTAGCT
GAGAGACTTTCAAAGTTTTGATAAATAAAAAATTGACAAGTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_025057.3

Summary:

Basal body protein required in multiciliate cells to align and maintain cilia orientation in response to flow. May act by mediating a maturation step that stabilizes and aligns cilia orientation. Not required to respond to planar cell polarity (PCP) or flow-based orientation cues (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 80127

MW: 55.2