

Product datasheet for SC317397

BEND6 (NM_152731) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BEND6 (NM_152731) Human Untagged Clone
Tag:	Tag Free
Symbol:	BEND6
Synonyms:	C6orf65
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317397 representing NM_152731. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGAAGATCGTGCAGACAGATGAAATTACCAATACACAAGCTTTAGAAAAGGAAAGAGGAAAAAGA
ACAGAGACAATGGACTCAGAAAAATGCAAAATAGTGACATGGATAAAGGACAGAGAGACCCATATTCGGGA
AATGCCTTTCTGCCTGGTAAAGCTCCAGTGAGGATGAAGAGCCTTTAGCAGAATTGTCAAAGGAAGAA
TTGTGCGCAAAAATAAAAAGCCTGAAAGAAAACTAACAAACACCCGAAAGAAAAACAGCCGACTTCGA
CAGTCTTTGGTCATGCTTCAAGTGTACCACAAGCAGTCACCCAGTTTGAAGAATTGGTTGGTATGGCC
GAGGCTCTGCTTAAGGGTGGGGGAACCATGTCTACATCTGCATCCACCCTCTGGAGAGCAACAAACAC
TCCTCGCCAGATTCATTTGCCTCAACATGCAGTAATTCTAATTCTAACTCCAGTTCACCAGTTTCCTTA
AAGCCTGAGGAAGAGCATCAGACTGATGAGAAACAGTTCCAGATTGAAAAATGGCAGATTGCCCGTTGT
AACAAAGAGCAAGCCTCAGAAGTTTATTAATGATTTAATGCAAGTACTTTACACAAATGAATACATGGCC
ACTCACAGCCTGACAGGGGCAAAATCCTCTACTTCAAGGGACAAAGCTGTAAAACCAGCTATGAATCAG
AATGAAGTCCAAGAAATCATAGGAGTAACAAAACAATTATTTCCAATACGGATGATGTTCAATTAGG
AGAATGATAGGGCAAAAGCTAAACAACGTACCAAGAAGCCAAATTTAAGCAAAAATCTTAACCTCAG
GATATTTAAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
Plasmid Map:	□
ACCN:	NM_152731
Insert Size:	840 bp



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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_152731.2
RefSeq Size:	2727 bp
RefSeq ORF:	840 bp
Locus ID:	221336
UniProt ID:	Q5SZI8
Cytogenetics:	6p12.1
MW:	31.2 kDa
Gene Summary:	Acts as a corepressor of recombining binding protein suppressor hairless (RBPJ) and inhibits Notch signaling in neural stem cells, thereby opposing their self-renewal and promoting neurogenesis (PubMed:23571214).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).