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Product datasheet for SC330187

BBIP1 (NM_001243783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BBIP1 (NM_001243783) Human Untagged Clone
Tag:	Tag Free
Symbol:	BBIP1
Synonyms:	bA348N5.3; BBIP10; BBS18; NCRNA00081
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330187 representing NM_001243783. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGCAGAAGTGAAGTCAATGTTCCGGGAAGTTCTTCCAAAGCAAGGGCCACTGTTTGTGGAAGATATA ATGACAATGGTGCTGTGTAAACCCAAACTTTTACCCTTAAAATCTCTGACTCTGGAAAAACTAGAGAAA ATGCATCAAGCAGCACAGAATACAATTCGCCAACAAGAAATGGCAGAAAAGGATCAACGGCAAATAACC CACTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001243783
Insert Size:	213 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.
RefSeq:	NM_001243783.1

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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RefSeq Size:	2133 bp
RefSeq ORF:	213 bp
Locus ID:	92482
UniProt ID:	A8MTZ0
Cytogenetics:	10q25.2
MW:	8.2 kDa
Gene Summary:	This gene encodes one of eight proteins that form the BBSome complex and is essential for its assembly. The BBSome complex is involved in trafficking signal receptors to and from the cilia. Mutations in this gene result in Bardet-Biedl syndrome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014] Transcript Variant: This variant (5) lacks two consecutive exons and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (4) shares no identity with isoform 1, but has a shorter N-terminus and 100% identity compared to isoform 2.

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