

Product datasheet for **SC116510**

BET1 (NM_005868) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BET1 (NM_005868) Human Untagged Clone
Tag:	Tag Free
Symbol:	BET1
Synonyms:	HBET1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116510 sequence for NM_005868 edited (data generated by NextGen Sequencing) ATGAGGCGTGCAGGCCTGGGTGAAGGAGTACCTCCTGGCAACTATGGGA ACTATGGCTAT GCTAATAGTGGGTATAGTGCCTGTGAAGAAGAAAATGAGAGGCTCACTGAAAGTCTGAGA AGCAAAGTAACTGCTATAAAATCTCTTTCCATTGAAATAGGCCATGAAGTTAAAACCCAG AATAAATTATTAGCTGAAATGGATTACAATTTGATTCCACA ACTGGATTCTAGGTAAA ACTATGGGCAA ACTGAAGATTTTATCCAGAGGGAGCCAAACAAAGCTGCTGTGCTATATG ATGCTGTTTTCTTTATTTGTCTTTTTTATCATTATTGGATTATTA ACTGAGGTGA
	Clone variation with respect to NM_005868.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005868 unedited AGTTGGGATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGTTTCGCTGG GCCCTGGTACTGAAGACGCGGTCCGGTCGCCCTAGCTGTTTCTACTCACCAAAGCC CCGCACCCGCCTTTTCTCTCTCTCTCTGGCAGGATGAGGCGTGCAGGCCTGGGTGAAGG AGTACCTCCTGGCAACTATGGGAATATGGCTATGCTAATAGTGGGTATAGTGCCTGTGA AGAAGAAAATGAGAGGCTCACTGAAAGTCTGAGAAGCAAAGTAACTGCTATAAAATCTCT TTCCATTGAAATAGGCCATGAAGTTAAAACCCAGAATAAATTATTAGCTGAAATGGATTC ACAATTTGATTCCACAACCTGGATTTCTAGGTAAAACCTATGGGCAAACCTGAAGATTTTATC CAGAGGGAGCCAAACAAAGCTGTGTGCTATATGATGCTTTTTCTTTATTTGTCTTTTT TATCATTATTGGATTATTAACCTGAGGTGATGCATGTAATTGTGAATTTGGAATTTGTT CCAACCTAATGGCTTGCAGTACCCTTTGATAAAAATCAGCATCAAACATTCCTAGTGT TCAAATACTGTGGCATTTCATTGAAAATTGCTGAATTTGCTATTTTATAAATCACA TTAGTTAATACAGTGGTCTTTGAATACTGTTTCTTAATGACTCATTTTAGCCCTATTTT CANGGGTAGTGAGAGGGTGTGGCTCCACTAATTTCCAGTTGTTTNTCTATTGTTTGCCA ACTGTCAGATTAATAGCATTATAATATTTTGTGTAATCATAAATGCANGTTTATGTC CCATGTAANGGAAACTAGTGGGAGAGTAACAGATGCCTGGAGAGCCTGACTCTGAGCTCC TGAAGTAGTCAGCCAGTTTGTGGTAAC
Restriction Sites:	NotI-NotI
ACCN:	NM_005868
Insert Size:	3000 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:	<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_005868.3 , NP_005859.1
RefSeq Size:	1513 bp
RefSeq ORF:	357 bp
Locus ID:	10282
UniProt ID:	O15155
Cytogenetics:	7q21.3
Domains:	t_SNARE
Protein Families:	Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Gene Summary: This gene encodes a golgi-associated membrane protein that participates in vesicular transport from the endoplasmic reticulum (ER) to the Golgi complex. The encoded protein functions as a soluble N-ethylmaleimide-sensitive factor attachment protein receptor and may be involved in the docking of ER-derived vesicles with the cis-Golgi membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Transcript Variant: This variant (1) encodes the longer isoform (1).