

## Product datasheet for **SC322819**

### **BEX4 (NM\_001127688) Human Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	BEX4 (NM_001127688) Human Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	BEX4
<b>Synonyms:</b>	BEXL1
<b>Vector:</b>	<u>pCMV6 series</u>
<b>Fully Sequenced ORF:</b>	>NCBI ORF sequence for NM_001127688, the custom clone sequence may differ by one or more nucleotides ATGGAGTCCAAAGAGGAACTAGCGGCAAACAATCTCAACGGGAAAATGCCCAACAAGAA AACGAAGGAGGGGAGCAGGCCCCACGCAGAATGAAGAAGAATCCCGCCATTTGGGAGGG GGTGAAGGCCAGAACCTGGAGGAAATATCAGGCGGGGGCGAGTTAGGCGACTTGTCCCT AATTTTCGATGGGCCATACCTAATAGGCATATTGAGCACAATGAAGCGAGAGATGATGTA GAAAGGTTTGTAGGGCAGATGATGGAAATCAAGAGAAAGACTAGGGAACAGCAGATGAGG CACTATATGCGCTTCCAAACTCCTGAACCTGACAACCATTATGACTTTTGCCTCATACT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001127688
<b>Insert Size:</b>	1199 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).



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**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\\_001127688.1](#), [NP\\_001121160.1](#)

**RefSeq Size:** 1199 bp

**RefSeq ORF:** 363 bp

**Locus ID:** 56271

**UniProt ID:** [Q9NWD9](#)

**Cytogenetics:** Xq22.1

**Gene Summary:** This gene is a member of the brain expressed X-linked gene family. The proteins encoded by some of the other members of this family act as transcription elongation factors which allow RNA polymerase II to escape pausing during elongation. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Aug 2011]  
Transcript Variant: This variant (1) represents the shorter transcript. Both variants 1 and 2 encode the same protein.