

## Product datasheet for RC225057

### BEX4 (NM\_001127688) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BEX4 (NM\_001127688) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** BEX4  
**Synonyms:** BEXL1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC225057 representing NM\_001127688  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGAGTCCAAGAGGAAGTACGCGCAACAATCTCAACGGGGAAAAATGCCCAACAAGAAAACGAAGGAG  
 GGGAGCAGGCCCCACGCAGAATGAAGAAGAATCCCGCCATTTGGGAGGGGGTGAAGGCCAGAAGCCTGG  
 AGGAAATATCAGGCGGGGGCGAGTTAGGCGACTTGTCCTAATTTTCGATGGGCCATACCTAATAGGCAT  
 ATTGAGCACAATGAAGCGAGAGATGATGTAGAAAGTTTGTAGGGCAGATGATGGAAATCAAGAGAAAGA  
 CTAGGGAACAGCAGATGAGGCACTATATGCGCTTCCAACTCCTGAACCTGACAACCATTATGACTTTTG  
 CCTCATACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC225057 representing NM\_001127688  
 Red=Cloning site Green=Tags(s)

MESKEELAANNLNGENAAQENEGGEQAPTQNEEESRHLGGEGQKPGGNIRRGVRRLVPNFRWAIPNRH  
 IEHNEARDDVERFVGQMMIEIKRKTREQQMRHYMRFQTPEPDNHYDFCLIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8029\\_f11.zip](https://cdn.origene.com/chromatograms/mk8029_f11.zip)

**Restriction Sites:** SgfI-MluI



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## Cloning Scheme:



ACCN: NM\_001127688

ORF Size: 360 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

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

RefSeq: [NM\\_001127688.2](#), [NP\\_001121160.1](#)

RefSeq Size: 1199 bp

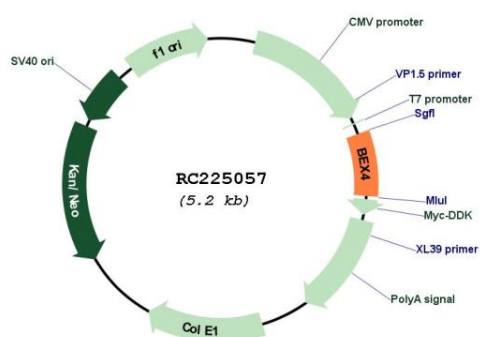
RefSeq ORF: 363 bp

Locus ID: 56271  
 UniProt ID: [Q9NWD9](#)  
 Cytogenetics: Xq22.1

MW: 14.1 kDa

**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]

## Product images:



Circular map for RC225057