

Product datasheet for **RG225057**

BEX4 (NM_001127688) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: BEX4 (NM_001127688) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: BEX4
 Synonyms: BEXL1
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG225057 representing NM_001127688
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGTCCAAGAGGAAGTACGGCAACAATCTCAACGGGGAAAAATGCCCAACAAGAAAACGAAGGAG
 GGGAGCAGGCCCCACGCAGAATGAAGAAGAATCCCGCCATTTGGGAGGGGGTGAAGGCCAGAAGCCTGG
 AGGAAATATCAGGCGGGGGCGAGTTAGGCGACTTGTCCTAATTTTCGATGGGCCATACCTAATAGGCAT
 ATTGAGCACAATGAAGCGAGAGATGATGTAGAAAGTTTGTAGGGCAGATGATGGAAATCAAGAGAAAGA
 CTAGGGAACAGCAGATGAGGCACTATATGCGCTTCCAACTCCTGAACCTGACAACCATTATGACTTTTG
 CCTCATACCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225057 representing NM_001127688
 Red=Cloning site Green=Tags(s)

MESKEELAANNLNGENAQQENEGGEQAPTQNEEESRHLGGEGQKPGGNIRRGVRRLVPNFRWAIPNRH
 IEHNEARDDVERFVGQMMEIKRKTREQQMRHYMRFTPEPDNHYDFCLIP

TRTRPLE - GFP Tag - V

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.

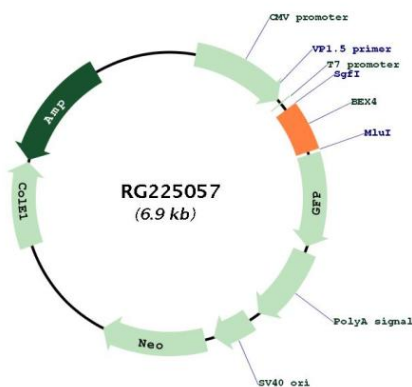
RefSeq: [NM_001127688.2](#), [NP_001121160.1](#)

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]

Product images:



Circular map for RG225057