

## Product datasheet for **RN211608**

### Fbxo25 (NM\_001014239) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fbxo25 (NM\_001014239) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fbxo25  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211608 representing NM\_001014239  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCCGTTTCTGGGTGAGACTGGAGATCCCCTGGATGGAGCTGGATCAAACAGAAGATGGGTGGAAAA  
GGTGTGACCCCTGTAGCCACGAGATCAGAAGTGAGGATAACCAGTACCCCGTCAACCACGACATTATCTT  
AAATAGTGGTGAAGAAGAAATTTCAATAATGACTGTGAATATGCAGCCAAAAAGAGGAAGAAGCAACAT  
TTTGAAAACGACACAGCTGCTCACAGTTTTTATCGTGAAAAATGGATCTATGTCCATAAAGAAAGCACAA  
AGGAAAGGCATGGCTACTGTACCCTGGGAGAAGCCTTCAACCGCCTAGACTTCTCCAGTGCATCCAGGA  
TATCAGACGGTTCACTTATGTGGTCAAACACTGCAGCTCATCGGAAGTCTCAGTTAACCTCTCTGAGT  
GGAGTGGCACAGAAGAACTACTTCAACATTTTGGATAAAAATCGTGCAAAAGGTTCTTGATGACCACCAGA  
ATCCTCGCTGATCAAAGACCTGCTCCAAGACTTGAGCTCGACCCTTGCATCCTGTGAGGGGGTGGG  
GAAATCAGTGTTAGTTGGGAACATCAATATTTGGATTTGCCGCTTAGAGACGGTTCTCAACTGGCAGGAG  
AAGCTGCAGAATCTCCAGATGACTAAGCAGGTAACACTGGCCTCACACTCAGTGACCTGCCCTTGACA  
TGCTGAACAACATCCTGTACCGATTCTCAGACGGCTGGGACATTGTCACCCTGGGCCAGGTAACACCAAC  
CCTGTACATGCTCAGCGAAGACCGCGGCTGTGGAAGAGGCTGTGTAGTACCCTTTGCTGAGAAGCAG  
TTTTGTAGACATTTGATCCTTTAGAAAAGGCCATATCGAGTGGAAAGCTGATGTATTTTACGCTTCAGA  
AGTATTACCCGACCAAAGAGCAGTACGGAGACACTTTGCATTTCTGCCGACATTGCAGCATTCTCTCTG  
GAAGGACTCGGGACACCCCTGCACGGCGGCTGACCCAGACAGCTGCTTCACACCTGTGTCCCGGAGCAC  
TTCATTGACCTCTTCAAATTC**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001014239  
**Insert Size:** 1074 bp



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_001014239.1](#), [NP\\_001014261.1](#)

**RefSeq Size:** 1947 bp

**RefSeq ORF:** 1074 bp

**Locus ID:** 364637

**UniProt ID:** [Q641X7](#)

**Cytogenetics:** 16q12.5

**Gene Summary:** Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) (By similarity).[UniProtKB/Swiss-Prot Function]