

Product datasheet for **RG234815**

EZH2 (NM_001203247) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EZH2 (NM_001203247) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EZH2
Synonyms:	ENX-1; ENX1; EZH2b; KMT6; KMT6A; WVS; WVS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG234815 representing NM_001203247
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCCAGACTGGGAAGAAATCTGAGAAGGGACCAGTTTGTGGCGGAAGCGTGTAAAATCAGAGTACA
TGGGACTGAGACAGCTCAAGAGGTTTCAGACGAGCTGATGAAGTAAAGAGTATGTTTAGTTCCAATCGTCA
GAAAATTTTGGAAAGAACGGAAATCTTAAACCAAGAATGGAAACAGCGAAGGATACAGCCTGTGCACATC
CTGACTTCTGTGAGCTCATTGCGCGGGACTAGGGAGTGTTCGGTGACCAGTGACTTGGATTTTCCAACAC
AAGTCATCCCATTAAGACTCTGAATGCAGTTGCTTCAGTACCCATAATGTATTCTTGGTCTCCCCTACA
GCAGAATTTTATGGTGAAGATGAAACTGTTTTACATAACATTCCTTATATGGGAGATGAAGTTTLAGAT
CAGGATGGTACTTTCATTGAAGAACTAATAAAAAATTATGATGGGAAAGTACACGGGGATAGAGAATGTG
GGTTTATAAATGATGAAATTTTGTGGAGTTGGTGAATGCCCTTGGTCAATATAATGATGATGACGATGA
TGATGATGGAGACGATCCTGAAGAAAGAGAAGAAAAGCAGAAAGATCTGGAGGATCACCGAGATGATAAA
GAAAGCCGCCACCTCGGAAATTCCTTCTGATAAAATTTTGAAGCCATTTCTCAATGTTCCAGATA
AGGGCACAGCAGAAGAACTAAAGGAAAAATATAAAGAAGTACCCGAACAGCAGCTCCCAGGCGCACTTCC
TCCTGAATGTACCCCAACATAGATGGACCAATGCTAAATCTGTTTCAGAGAGAGCAAAGCTTACTCTCC
TTTCATACGCTTTTCTGTAGGCGATGTTTTAAATGACTGCTTCTACATCCTTTTCAATGCAACACCCA
ACACTTATAAGCGGAAGAACACAGAAACAGCTCTAGACAACAAACCTTGTGGACCACAGTGTACCAGCA
TTTGGAGGGAGCAAAGGAGTTTGTCTGCTCTCACCGCTGAGCGGATAAAGACCCCAACAAACGTTCA
GGAGCCCGCAGAAGAGGACGGCTTCCCAATAACAGTAGCAGGCCAGCACCCCAACATTAATGTGCTGG
AATCAAAGGATACAGACAGTATAGGGAAGCAGGACTGAAACGGGGGAGAGAACAATGATAAAGAAGA
AGAAGAGAAGAAAAGATGAAACTTCGAGCTCCTCTGAAGCAAATTCGGTGTCAAACACCAATAAAGATG
AAGCCAAATATTGAACCTCCTGAGAATGTGGAGTGGAGTGGTGTGAAAGCCTCAATGTTTAGAGTCTCA
TTGGCACTTACTATGACAATTTCTGTGCCATTGCTAGGTTAATTGGGACCAAAACATGTAGACAGGTGTA
TGAGTTTAGAGTCAAAGAATCTAGCATCATAGCTCCAGCTCCCGCTGAGGATGTGGATACTCCTCCAAGG
AAAAAGAAGAGGAAACACCGTTTGTGGGCTGCACACTGCAGAAAGATACAGCTGAAAAAGGACGGCTCCT
CTAACCATGTTTACAACATCAACCCTGTGATCATCCACGGCAGCCTTGTGACAGTTCGTGCCCTTGTGT
GATAGCACAAAATTTTGTGAAAAGTTTGTCAATGTAGTTTCAAGTGTCAAACCGCTTCCGGGATGC
CGCTGCAAAGCACAGTGAACACCAAGCAGTGCCCGTGTACCTGGCTGTCCGAGAGTGTGACCCTGACC
TCTGTCTTACTTGTGGAGCCGCTGACCATTGGGACAGTAAAAATGTGCTCTGCAAGAAGTCAAGTATTCA
GCGGGGCTCCAAAAGCATCTATTGCTGGCACCATCTGACGTGGCAGGCTGGGGGATTTTATCAAAGAT
CCTGTGCAGAAAAATGAATTCATCTCAGAATACTGTGGAGAGATTATTTCTCAAGATGAAGCTGACAGAA
GAGGGAAGTGTATGATAAATACATGTGACGCTTCTGTTCAACTGAACAATGATTTTGTGGTGGATGC
AACCCGCAAGGTAACAAAATTCGTTTTGCAAATCATTGGTAAATCCAAACTGCTATGCAAAAGTTATG
ATGGTTAACGGTGTACACAGGATAGGATTTTTTGCCAAGAGAGCCATCCAGACTGGCGAAGAGCTGTTTT
TTGATTACAGATACAGCCAGGCTGATGCCCTGAAGTATGTGGCATCGAAAGAGAATGGAATCCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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_001203247.2](#)

RefSeq Size: 2708 bp

RefSeq ORF: 2241 bp

Locus ID: 2146

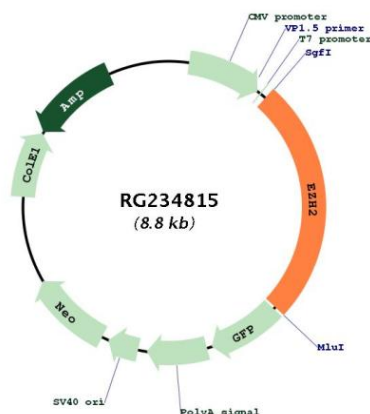
UniProt ID: [Q15910](#)

Cytogenetics: 7q36.1

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]

Product images:



Circular map for RG234815