

Product datasheet for **SC327525**

ZNF312B (FEZF1) (NM_001160264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF312B (FEZF1) (NM_001160264) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF312B
Synonyms:	FEZ; HH22; ZNF312B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001160264, the custom clone sequence may differ by one or more nucleotides

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ATGGACAGTAGCTGCCACAACGCGACTACCAAAATGTTAGCGACTGCTCCAGCTCGGGG
AACATGATGAGCAGTCCAACCCCTTGGCTTTCTCCATTGAACGAATCATGGCGCGCACC
CCAGAGCCCAAGGCCCTGCCAGTCCCCACTTCCTGCAGGGAGCCTTACCAAGGGGAA
CCCAAGCACTCTCTGCATCTCAACTCGTCGATCCCCTGCATGATCCCCTTCGTGCCTGTG
GCCTACGACACGAGCCCCAAGGCAGGAGTGACGGGCTCCGAGCCGCGGAAGGCCAGTCTG
GAGGCCCGGGCGGCCCGGGCGGTGCCCTCGGCTCCCGCATTAGCTGCAGCGACCTG
CTCAACTGCGCACTGAGTCTCAAGGGCGACCTGGCCCGCAGCGCTGCCGCTGCAGCAG
TACAAGCTGCCAAAACGTATTTAGCCGAAAGGAATAAACTGGTGGTCCCGCGGTGGAG
AAATACCTTCTGGAGTAGCTTTCAAAGACCTGTCCCAGGCTCAGCTGCAGCATTACATG
AAAGAAAGCGCCAGCTTCTGTGCGAAAAAATCGCGTTCAAACCTCGGATTTAGCCGA
GGCTCTCCTAATGCCAAGCCCAAAGTTTTCACTTGCGAAGTGTGTGGAAGGTCTTTAAT
GCGCACTATAACTTAACCCGTACATGCCAGTGCACACAGGAGCCAGACCCTTCGTTTGC
AAAGTGTGCGGAAAAGTTTTAGGCAAGCAAGCACCCCTGTGCAGGCACAAGATCATTAC
ACGCAGGAAAAACCTCACAATGTAACCAGTGTGGCAAAGCATTAAATAGAAGTCCACT
TTAAACACTCATACCCGAATACACGCGGGCTACAAACCGTTTGTGTGTGAATTCTGTGGC
CAGTTCAAGTGCAATATCTGCAACAAGGCTTTCCACCAGTTTACAACCTCACCTTCCAC
ATGCACACCCACAACGACAAGAAGCCTTTACCTGCCCCACGTGCGGCAAGGGTTTCTGC
AGGAACTTTGACCTCAAGAAGCATGTCCGCAAGCTGCACGACAGCAGCCTGGGGTGGCC
CGCACGCCAGCTGGCGAACCAGGCACTGAACCGCCGCCCGCTACCGCAGCAGCCGCCG
ATGACGCTGCCTCCTCTGCAGCCCGCTGCCAACCCCGGGGCCCTGCAGCCCGGGCTC
CACCAGGGCCACCAG

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Restriction Sites: Please inquire



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ACCN:	NM_001160264
OTI Disclaimer:	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).
OTI Annotation:	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.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001160264.1</u> , <u>NP_001153736.1</u>
RefSeq Size:	1955 bp
RefSeq ORF:	1278 bp
Locus ID:	389549
UniProt ID:	<u>A0PIY2</u>
Cytogenetics:	7q31.32
Gene Summary:	<p>This gene encodes a transcriptional repressor that belongs to the zinc finger double domain protein family. The encoded protein is thought to play a role in the embryonic migration of gonadotropin-releasing hormone neurons into the brain. Mutations in this gene are associated with hypogonadotropic hypogonadism-22 with anosmia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame segment in the central coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.</p>