

Product datasheet for SC115022

Fetuin B (FETUB) (NM_014375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fetuin B (FETUB) (NM_014375) Human Untagged Clone
Tag:	Tag Free
Symbol:	Fetuin B
Synonyms:	16G2; Gugu; IRL685
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115022 sequence for NM_014375 edited (data generated by NextGen Sequencing)

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ATGGGTCTGCTCCTTCCCCTGGCACTCTGCATCCTAGTCTGTGTGCGGAGCAATGTCT
CCACCCAGCTGGCCCTCAACCCCTCGGCTCTGCTCTCCCGGGGTGCAATGACTCAGAT
GTGCTGGCAGTTGCAGGCTTTGCCCTGCGGGATATTAACAAGACAGAAAGGATGGCTAT
GTGCTGAGACTCAACCGAGTGAACGACGCCAGGAATACAGACGGGGTGGCCTGGGATCT
CTGTTCTATCTTACACTGGATGTGCTAGAGACTGACTGCCATGTGCTCAGAAAGAAGGCA
TGGCAAGACTGTGGAATGAGGATATTTTTGAATCAGTTTATGGTCAATGCAAAGCAATA
TTTTATATGAACAACCAAGTAGAGTTCTCTATTTAGCTGCTTAACTGTACTCTTCGC
CCAGTTTCAAAAAAAGATTTACATGACGTGCCCTGACTGCCAAGCTCCATACCCACT
GACTCTTCCAATCACAAGTGTGGAGGCTGCCACCGAGTCTTTCGAAATACAACAAT
GAGAACACATCCAAGCAGTATTCTCTTCAAAGTCACCAGGGCTTCTAGCCAGTGGGTG
GTCGGCCCTTCTTACTTTGTGGAATACTTAATTAAGAATCACCATGTAATAATCCAG
GCCAGCAGCTGTTCACTTCAGTCTCCGACTCTGTGCCTGTTGGTCTTTGCAAAGTTCT
CTGACTCGAACACACTGGGAAAAGTTTGTCTCTGTGACTTGTGACTTCTTTGAATCACAG
GCTCCAGCCACTGGAAGTAAAACCTGCTGTAAACCAGAAAACCTACAAACCTTCCCAAG
GTGGAAGAATCCAGCAGAAAAACACCCCCAACAGACTCCCCCTCAAAGCTGGGCCA
AGAGGATCTGTCCAATATCTTCTGACTTGGATGATAAAAAATCCAGGAAAAGGGCCCT
CAGGAGGCCTTTCTGTGCATCTGGACCTAACACGAATCCCCAGGGAGAAACCTGGAT
ATTTCTTCTTCTTCTGGAGCCTATGGAGGAGAAGCTGGTGGTCTGCTTTCCCAAA
GAAAAAGCACGCACTGCTGAGTGCCAGGGCCAGCCAGAAATGCCAGCCCTTTGTCCTT
CCGCCATGA

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Clone variation with respect to NM_014375.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014375 unedited
 GGATTTTGGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACCAGGTCTGCCTTAA
 AGAGCCTTACAAGCCAGCCAGTCCCTGCAGCTCCACAACTGACCCATCCTGGGCCTTGT
 TCTCCACAGAATGGGTCTGCTCCTTCCCCTGGCACTCTGCATCCTAGTCTGTGCTGCGG
 AGCAATGTCTCCACCCAGCTGGCCCTCAACCCCTCGGCTCTGCTCTCCCGGGGTGCAA
 TGACTCAGATGTGCTGGCAGTTGCAAGCTTTGCCCTGCGGGATATTAACAAAGACAGAAA
 GGATGGCTATGTGCTGAGACTCAACCGAGTGAACGACGCCAGGAATACAGACGGGTGG
 CCTGGGATCTCTGTTCTATCTTACACTGGATGTGCTAGAGACTGACTGCCATGTGCTCAG
 AAAGAAGGCATGGCAAGACTGTGGAATGAGGATATTTTTGAATCAGTTTATGGTCAATG
 CAAAGCAATATTTTATATGAACAACCAAGTAGAGTTCTCTATTTAGCTGCTTATAACTG
 TACTCTTCGCCAGTTTCAAAAAAAGATTTACATGACGTGCCCTGACTGCCAAGCTC
 CATACCCACTGACTCTTCCAATCACAAGTGTGGAGGCTGCCACCGAGTCTCTTGCGAA
 ATACAACATGAGAACACATCCAAGCAGTATTCTCTTCAAGTACCAGGGCTTCTAGC
 CAGTGGTGGGTGGCCCTTTCTACTTGTGNATACTTAATTAAGAATCACCATGTAC
 TANATNCCAGGCCAGCAGCTGTTCACTTCACTCCTCCGACTCTGTGCCTGTTGGTCTTTG
 CAAAGGNTCTCTGACTCGAACACCTGGGAAAGNTTGTCTCTGTGACCTGGGACTCTTT
 GATCACAGGCTCCAGCCACTGGAGTGAAACTCTGCTGNTACCAGAACCTACAACCTTNC
 AAGTNGAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014375 unedited
 NTTTTACTNTGNNACCNCGGNCCCGCATNCNANNATCGGTTTTTTTTTTTTTTTTTTTT
 TTTTTTCTGAGCCAACGAATCTTTTAGTTGAGCCACCTGGATACAATTCTGCTTCTT
 TCAAACCTGACCAACACGGGTAAAGACCCACATGACACCCACATAATCACTTCCTT
 CTTATGAGAAGCAGATAAGAGGAACAGAGTGTGAACATTGTCTACGTCTTATGCAAA
 TATGCTGAGGCCTGTGTGCTCTTCTAACAGCCACCAAGATAGAGGACAATAGCTGCATC
 TGCAAAATCTCTGCAAAATGTCAAAGTCTTATCTGCTGTGCATGTGTGCGTGTGCACA
 TAGGTATCACTGAATGAGGGGAAATGGCCCTGCAGTGTTTGAAAGAAGGAAAACGTAA
 CTGTAATTGAATGCTGTGATGAGCCCTCTCTAACTGTCTAAAGAAATGTAACAGTGA
 TGAAAAGTGTACGGTCTGCTGCTCCACAGTGTCTAGCACAGGCCACATGTGCACTTCC
 CTTCTATGTGCCCTCCAGCTCTAAGTGAATTACCCACTGTTGAGACCTGGAGACTCCAG
 ACAGATGAAAAGAGGTAAGGGTTGAAAATGGTATGGGCCCTACGCAGCTAATACCTGTC
 CTGGAATTAAGGGAATTTAGGGACTGAAACTGTGCTGGGCATTAGTTGCTCACGCTCC
 CGGTGTTAGGAAAAGTATCTTTACTCATGCAATGCTTTTATGCTGAGATTTACGCACATA
 TATACTGCTGAAAAGAAAGTATCTTTAAGTGAGTGGCTGAAGACATAAGAGAGGCATC
 TCTCCATGGTATGAGACTGCTCANTNNAAGTATGATGCAGCTCAGGTACAGGNCAGTGTA
 CAGGTANAATGCACCAAGCCGAGGCTCATCTCATTATTTCCAATCCAGN

Restriction Sites:

NotI-NotI

ACCN:

NM_014375

Insert Size:

2440 bp

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).

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_014375.2](#), [NP_055190.2](#)

RefSeq Size: 1640 bp

RefSeq ORF: 1149 bp

Locus ID: 26998

UniProt ID: [Q9UGM5](#)

Cytogenetics: 3q27.3

Domains: CY

Protein Families: Secreted Protein

Gene Summary: The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).