

## Product datasheet for MC215706

### Fut4 (NM\_010242) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fut4 (NM_010242) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fut4
Synonyms:	AI451562; CD15; FAL; FucT-IV; LeX; SSEA-1; Ssea1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215706 representing NM_010242 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTCCGGCCCGCAAGAGCTACAGCATGAGAGCCGGTGCCGCCCTCACGGACGGTGGACGCGTGCC  
GAGCCCGGTGGCCACTCGTGGACGCCACATGGAGACGCCGGGTACCGCGTCGCACACGGTGTGGAGG  
CTGGGGACTACCCCGGAGCGTCTCTTCGCTGGCGCAGTGGGACTACTGTGCACCGCGTTGACCACCTTC  
ATCTGCTGGGGACAGTTGCCGCCACTGCCCTGGCGTCCCGAGCTCCGCAACGCCCTGGTGGGTGTGCTGC  
TCTGGTGGGAACCCCTTAGGGGGCGCGCGGCTACCCCAAGTCTCCCCCGATTGCAGCCTGCGCTTCAA  
CATCAGCGGTGCCGCTTGTCCAGCAGCGCGCGCTACGGGGAGGCTCAGGCAGTGTGTTCCACCAC  
CGCGACCTGGTGAAGGAAGTCCAGACTGGCCCCGCCCTGGGGCGCCGAGAACGCACGGATAAGGCGC  
TGGTACTACGCGTGTTCGACGACCAGGAGGGAGCAGTACGCTAACTGGCAAAGCCCTGGAGACCGTAGG  
TTCTCGTCCCCCTGGGCAGAGGTGGGTGTGGATGAAGTTCGAATCGCCCTCCCACTCCAGGGCTGCGG  
GGCTTGCCAAAGGACCTTTCAATTGGACTGTCTACCGGACCGACTCGGATGTCTTCGTGCCATATG  
GCTTCTCTATTCCAGGAGCGATCCAAGTGAACAGCCTTCAGGCTTGGGCCCCAGCTGGCCCCAAGCG  
AGGACTGGTGGCCTGGGTTGTGAGCAACTGGAACGAGCACCAGGCACGGGTCCGTTACTACCACCGACTG  
AGTCGGCACGTGTCTGTGGACGTGTTTGGTCCGACGGGACCCGGACGGCCAGTGCCAGCCATCGGGCTGC  
TGCACTGTGGCCCGCTACAAGTTTTATCTAGCCTTTGAGAAGTACCGGCACGTGGATTACATCACC  
GAAGCTGTGGCGAATGCCTTTCTGGCTGGGGCCGTGCCAGTGGTGTGCTCGGCCAGATCGTGCCAACTAT  
GAGCGCTTCGTGCTCGTGGCGCTTCATCCACGTGGACGATTTCCCTAATGCTGCTTCCCTGGCTGCT  
ACCTGCTCTTCTCGACCGAAACGTGGCTGTCTATCGCCGCTACTTCGCTGGCGCCGGAGCTTTGCAGT  
GCACATCACCTCTTCTGGGATGAGCAATGGTCCCGACATGCCAAGCTGTGCAGACCTCTGGGGACCAG  
CCCAAGAGCATCCACAAGTGGCAGACTGGTTCAGCGA**TGA**

AC**GGGCCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
TTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-NotI
<b>ACCN:</b>	NM_010242
<b>Insert Size:</b>	1302 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_010242.3</a> , <a href="#">NP_034372.1</a>
<b>RefSeq Size:</b>	3664 bp
<b>RefSeq ORF:</b>	1302 bp
<b>Locus ID:</b>	14345
<b>UniProt ID:</b>	<a href="#">Q11127</a>
<b>Cytogenetics:</b>	9 4.3 cM
<b>Gene Summary:</b>	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens.[UniProtKB/Swiss-Prot Function]