

Product datasheet for **SC125823**

LOC441242 (NM_001013464) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC441242 (NM_001013464) Human Untagged Clone
Tag:	Tag Free
Symbol:	LOC441242
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_001013464 edited
 GGAAGTCCAGGTGCTGGGTCTTCCAGGAGCGCGCTGCGCGGGAGGGTGACCACAGGCGG
 CCGGGCGGGATGTCTGTCCGAGTCTTCCAGCCAGCCGCGCCACCCATAAGCTATGAG
 GAGGAGTTTACGACCACCTGGACTACTACACCTGCGTGACTTCCCGGCTGCGGGGTCC
 GCGCAGCAAAGGCTTGACGCTGCTGGAGCAGGCGCTGCGCACCTACTGGTGGCGCTGG
 TAGGCACGAGCGCAGGGTCGCCAGAAGCTCCTCAATGGCCTGAGCAAGTACCAGCCAGC
 GCCAGTGCAGCCCTGGCCGCGCACTCGCTCAGCTGAGCCTGGGAATGAAGAAGCTGTT
 TCTTTACACAATCGTTATCCCATAATGCCTGCTTCTGCTGCTACCACGGGCTCACCTAAA
 AGGCAACCAAAGGGAGGAACAGGAAGAGAAGAGTGTGGCCTCCTAGAAATCTAGCACGGA
 GAAAGTTACTCATCTTCAAACTCAGTTCAGAGATCAGCTCCTCAAGAAGGCTTCTGT
 GGTGTGGTTGGTGTCTTTCTACAGTACCAGCTGTCTGAGAGCACGTCTCTACATC
 TCTACCTGCCTTCTGAAACCGGGAGAAAGCCAAAACGGATGACAAGACACTAGATCAGC
 CGTGTCCAACCTGTGACTACAAGGACTTTTCCGCTATCTTTGGTGAGACGGGGTCTCA
 CTGTATTGTCCAGGTTGGTCTCAAACCTTTGACTCAAGGGATCCAGGACAGGATAACAG
 GTGTGAGCCACCACACTGGCCATGTGCATGAACCTTTAAGACAAACACAAGGCCCCACA
 AAAGGGGTTCTTGCAAGTCAGTTCTCCCTCAGGCCTTTGGTTTCTCACCTACAAGATG
 AGAGGGCCGACAGATGAAATTCGGGGGGTCCGTATCTCCTGCTCGGTGAGGTGCTT
 GGACACAGCGCACTTGGTGCCAGCCGCGCAGGCTGCCAATGGAGATGCCGATGAGCTT
 CTGGAGCTGTCCGCACTGCTGCAGCCCGGGCTGGCCGGGGCCCTGCGCCACCTCAGC
 GGCCGCTGCATACCCCCGCCACCGCCCTCCTTCTCTCCATCGCCTCCGCGCGCAG
 TGCCGCCCTATGCAAGCCACAGCGGCGAGGAGGGAGCCGGGGCTCGGGCGCTGCCCTTAGGC
 AAGGAACCCCGAGCCGGGAGAGCTGGACCGGGAGCGCCCTCGGCGCTGCCCTTAGGC
 GACGCCAGTAGAGCTGGCAGCGGAGTCTGCCGCTCCCGCCCTCAGAGCCGCGCGCGGG
 AGCAGAAAGCCGCGCGGCAAAAAGCCGCGGCGAGCGGGGCAAAAAGCCGCGCGCGCA
 GGCAAAAAGCTTAGGCGGCGGGGCAAAAAGCCGCGGCGCGCAGGCAAAAAGCTTAGGC
 GGCGGGGGCAAAAAGCCGCGGCGGCAAAAATGCGCGGCGCGGGGCAAAAAGCCGCGCG
 GAAGAAAGCCGCGGGGCGGGGCAAAAAGCCGCGGCGGGGGGCAAAAAGCAGTGGA
 GCTGGGGCAAAAAGCCGCGGCGGCGGGGCAAAAAGCCGCGGCGGGGCGG
 AGGCAAAAAGCTGCAAAAGCCGCGGTGTGGGGCAGAAAGCCGCGAGCGGAGAAAGTCTC
 ACTCAAATTCCTTGTTCAGTAAGCTTCTTAGGCCAATGTTCTTCGGCATTACCCA
 TTTTCTTCTGTGAATGCAATCACATAACATGGAAGTACATTTGACCATTTTAATTGT
 TTAACATTCCATGTACACGACCTTCCACAATAGAATCAATGTATTAAATGTGTTAACG
 ACCACACATTTTACACAAATGCCATGAATCCTTAAGGTGTTCAATTTATAAAATATGTC
 TGCAATCATACTTTATGATGCTTTGTATTCTGTGCGTAATTGGATGTCATATATTTAA
 TTCTATTAAGCTGCTTATTAAGTAAAAAAGAAAAAAGAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001013464 unedited
 NGGTGCAGGTCTGGATTTGTAATACGACTCATATAGGCGGCCGTAATTCGTGAGGCG
 GGGAACTCCGGTCTGGGTCTTCCAGGAGCGCGCTGCGCGGGAGGGTGACCACAGGCGG
 CCGGGCGGGATGTCTGTCCGAGTCTTCCAGCCAGCCGCGCCACCCATAAGCTATGAG
 GAGGAGTTTACGACCACCTGGACTACTACACCTGCGTGACTTCCCGGCTGCGGGGTCC
 GCGCAGCAAAGGCTTGACGCTGCTGGAGCAGGCGCTGCGCACCTACTGGTGGCGCTGG
 TAGGCACGAGCGCAGGGTCGCCAGAAGCTCCTCAATGGCCTGAGCAAGTACCAGCCAGC
 GCCAGTGCAGCCCTGGCCGCGCACTCGCTCAGCTGAGCCTGGGAATGAAGAAGCTGTT
 TCTTTACACAATCGTTATCCCATAATGCCTGCTTCTGCTGCTACCACGGGCTCACCTAAA
 AGGCAACCAAAGGGAGGAACAGGAAGAGAAGAGTGTGGCCTCCTAGAAATCTAGCACGGA
 GAAAGTTACTCATCTTCAAACTCAGTTCAGAGATCAGCTCCTCAAGAAGGCTTCTGT
 GGTGTGGTTGGTGTCTTTCTACAGTACCAGCTGTCCTGAGAGCACGTCTCTACATC
 TCTACCTGCCTTCTGAAACCGGGAGAAAGCCAAAACGGATGACAAGACACTAGATCAGC
 CGTGTCCAACCTGTGACTACAAGGACTTTTCCGCTATCTTTGGTGAGACGGGGTCTCA
 CTGTATTGTCCAGGTTGGTCTCAAACCTTTGACTCAAGGGATCCAGACAGGATAACAGG
 TGGGAGCCACCACACTGGCGCTGTGCATGAACCTTT

Restriction Sites:	Please inquire
ACCN:	NM_001013464
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:	<u>NM_001013464.1, NP_001013482.1</u>
RefSeq Size:	2021 bp
RefSeq ORF:	951 bp
Locus ID:	441242
Cytogenetics:	7q11.21