

## Product datasheet for **MR223941**

### Wisp3 (NM\_001127376) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Wisp3 (NM\_001127376) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Wisp3  
**Synonyms:** CCN6; ENSMUSG00000062074; Gm735; WISP-3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR223941 representing NM\_001127376  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCGTAGGCTCCTCTTTTGCCTGCTCATGACTGGGCTGACACAGCTCTGCTGCAGGACACAGGGCA  
GTGCACCACAAGACTCGACCCCTGGAGGGCGCCCTGGAGCAGCATTGGAGGTGTATCAGCGTACAGAGGT  
CTGCCGCTGGCCCTGCAGATGCCCCCGCAGAGGCCCACTTGCTCCTGGGGTGAGTTGGTGAGGGAC  
GGCTGTGGATGCTGCAAAGTCTGTGCCAAGCAACCAGGGGACACCTGTAACGAAGCCGAGATCTGCGACC  
CCCACAAAGGCCGTACTGTGACTACTCCGGGGACACGCCTAGGTACGAGACAGGCGTGTGCGCATATCT  
TGTGGCAGTTGGATGTGAGTTCAACAGGGTCTATTACCAGAATGGCCAAGTATTTAGCCCCACCCACTG  
TTCAGCTGCCTCTGTGTGAGTGGGGCCATTGGATGCACGCCCTCTTCATCCCCAAGCTGGCTGGCAGCA  
ACTGTTCTGCAGCTAAAGGAAGAAGGAAGACTGATCCCCAAACTGTGGCCGGGGAACCCCTGCAGCAGCA  
GAACTCAGCAAGCTACAAGACAATGTCAGCTTATAGGAATCTCCCACTTACTTGGAGGAAAAATGTCTC  
GTGCAAGCAACCAAGTGGACTCCCTGCTCCAGAACGTGCGGAATGGGAATTTCTAACCGGTAACCAACG  
ATAACGCCAAGTGTAAATGAGAAAGGAGAGGAGGCTGTGCTACATCCAGCCCTGCAGCAGGAACACATC  
ACAGGCCAGTGAAGATCCCCAGAGGAGAAACATGTCAACCCACTTTCCAACCTCCCCAAGCTGAAAAATTT  
GTTTTTTCTGGATGCTCAAGCACTCAGAGTTACAGACCCACTTTCTGTGGAATATGCCTGGACAAGAGAT  
GCTGTGTCCCCAACAAATCTAAAATGATTACTGTTAGGTTTACTGCCCCAGTGAAGGGTCAATTTAAGTG  
GCAGATGCTGTGGTACATCTTGTGTGTGTCAGAGGGACTGCAGAGAACCAGGAGATATATTTTCTGAG  
CTCAGGATTCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



[View online »](#)

**Protein Sequence:** >MR223941 representing NM\_001127376  
Red=Cloning site Green=Tags(s)

MRRLLFCTLLMTGLTQLCCRTQGSAPQDSTPGGRPGAALVYQRTVEVCRWPCRCPPQRPTCPPGVSLVRD  
 GCGCCKVCAKQPGDTCNEAIEICDPHKGLYCDYSGDTPRYETGVCAYLVAVGCEFNRVYYQNGOVFQPHPL  
 FSCLCVSGAIGCTPLFIPKLAGSNCSAAKGRRTDPPNCGRGLTQQNSASYKTMSAYRNLPLTWRKKCL  
 VQATKWTPCSRTCVMGISNRVTNDNANCEMRKERRLCYIQPCSRNTSQAVKIPRGETCQPTFQLPKAEKF  
 VFSGCSSTQSYRPTFCGICLDRCCVFNKSKMITVRFDCPSEGSFKWQMLWWTSCVCQRDCREPGDIFSE  
 LRLIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9071\\_a12.zip](https://cdn.origene.com/chromatograms/mm9071_a12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001127376

**ORF Size:** 1062 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001127376.1](#), [NP\\_001120848.1](#)

**RefSeq Size:** 1418 bp

**RefSeq ORF:** 1065 bp

**Locus ID:** 327743

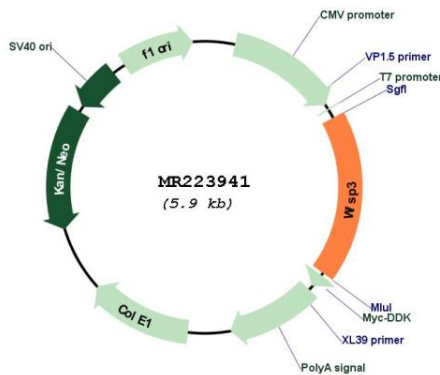
**UniProt ID:** [D3Z5L9](#)

**Cytogenetics:** 10 B1

**MW:** 39.4 kDa

**Gene Summary:** Plays a role in mitochondrial electron transport and mitochondrial respiration. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR223941