

## Product datasheet for **MC211979**

### **II24 (NM\_053095) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	II24 (NM_053095) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	II24
Synonyms:	FISP; Mda-7; Mda7; St16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_053095.2 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGACTGAGCCTGCCAACTTTTTGTGCACAAGAAGAACCAGCCACCTTCACACAGCAGCCTCCGGC  
TTCACCTTAGGACCCTAGCAGGAGCACTGGCCCTTTCTCAACACAGATGAGTTGGGGACTACAGATTCT  
CCCCTGCCTGAGCCTAATCCTTCTTCTTTGGAACCAAGTCCAGGGCTTGAGGGTCAAGAGTTCCGATTT  
GGGTCTTGCCAAGTGACAGGGTGGTTCTCCAGAAGTGGGAGGCCTTCTGGACTGTGAAGAACACTG  
TGCAAAGTCAAGTACATCACAAGCATCCGGCTGTTGAAGCCGAGGTTCTGCGGAATGTCTCGGGTGC  
TGAGAGCTGTTACCTTGCCACAGCCTGCTGAAGTCTACTTGAACACTGTTTTCAAGAAGTACACAGC  
AAAATAGCCAAATTCAGGTCTTGAGGTCACTCCACTCTGGCCAACAACCTTCATAGTCATCATGTCCAC  
AACTACAGCCCAGTAAGGACAATTCATGCTTCCATTAGTGAGAGTGACACCAGCGGTTTTTGCTGTT  
CCGAGAGCATTCAAACAGTTGGATACAGAAGTCGCTTTGGTGAAGGCCTTTGGGGAAGTGGACATTCTC  
CTGACCTGGATGCAGAAATCTACCATCTCTGA

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1493_b08.zip">https://cdn.origene.com/chromatograms/ja1493_b08.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053095
Insert Size:	663 bp



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<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_053095.2</a> , <a href="#">NP_444325.2</a>
<b>RefSeq Size:</b>	1116 bp
<b>RefSeq ORF:</b>	663 bp
<b>Locus ID:</b>	93672
<b>UniProt ID:</b>	<a href="#">Q925S4</a>
<b>Cytogenetics:</b>	1 E4
<b>Gene Summary:</b>	Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation.[UniProtKB/Swiss-Prot Function]