

## Product datasheet for **MC226045**

### Tasp1 (NM\_001289611) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tasp1 (NM\_001289611) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tasp1  
**Synonyms:** 4930485D02Rik; AW986064  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226045 representing NM\_001289611  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATCATGGAGAAGGGGATGAATTCTGGAGAAGGACTGCCTCCAGATCATCTCAGGCATCTGCTGCTA  
AAGTAACAGTCAAGGAGTTAGAAACACAGCAGCCCTGTAAGGAGAAACGAGGGGGCTTTGTGCTGGTGCA  
TGCAGGTGCAGGCTATCATTCTGAATCCAAAGCCAAGGAATATAAACATGTATGCAAACGAGCTTGTCAG  
AAGGCAATTGAGAAGCTACAGGCTGGTGCCTCTGCTACAGATGCAGTGGCTGCTGCTCTGGTGGAACCTG  
AGGATTCTCCTTTTACAATGCAGGAATAGGATCTAATCTAAATCTCTTAGGAGAGATTGAATGTGATGC  
CAGCATAATGGATGAAAAGTCTTAAACTTTGGAGCCGTTGGAGCACTGAGTGGAAATCAAGAATCCAGTC  
TCAGTTGCTCACAGGCTCTTGTGTGAAGGGCAGAAGGGCAAGCTCTCTGCAGGCAGAATTCCTCCCTGGA  
TTCAGCTTAGCTGCATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001289611  
**Insert Size:** 510 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).



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<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001289611.1</a></u> , <u><a href="#">NP_001276540.1</a></u>
<b>RefSeq Size:</b>	2103 bp
<b>RefSeq ORF:</b>	510 bp
<b>Locus ID:</b>	75812
<b>UniProt ID:</b>	<u><a href="#">Q8R1G1</a></u>
<b>Cytogenetics:</b>	2 F3
<b>Gene Summary:</b>	<p>Protease involved in KMT2A/MLL1 processing and, consequently, in the correct expression of the early HOXA gene cluster.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains a 3' terminal exon which extends past a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. It encodes isoform c, which is shorter and has a distinct C-terminus, compared to isoform a.</p>