

## Product datasheet for MC208467

### FasI (NM\_010177) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FasI (NM_010177) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	FasI
Synonyms:	APT1LG1; CD95-L; CD95L; CD178; Fas-L; Faslg; gld; Tnfsf6; Tnlg1a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208467 representing NM_010177 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCAGCAGCCCATGAATTACCCATGTCCCAGATCTTCTGGGTAGACAGCAGTGCCACTTCATCTTGGG  
CTCCTCCAGGGTCAGTTTTCCCTGTCCATCTTGTGGGCCTAGAGGGCCGGACCAAGGAGACCGCCACC  
TCCACCACCACCTGTGTACCCTACCACCGCCATCACAACCCTCCACTGCCGCCACTGACCCCTCTA  
AAGAAGAAGGACCACAACACAAATCTGTGGCTACCGGTGGTATTTTTCATGGTTCTGGTGGCTCTGGTTG  
GAATGGGATTAGGAATGTATCAGCTCTCCACCTGCAGAAGGAAGTGGCAGAAGTCCGTGAGTTCACCAA  
CCAAAGCCTTAAAGTATCATCTTTTAAAAGCAAATAGCCAACCCAGTACACCCCTGAAAAAAGAG  
CCGAGGAGTGTGGCCATTTAACAGGGAACCCCACTCAAGGTCCATCCCTCTGGAATGGGAAGACACAT  
ATGGAACCGCTCTGATCTCTGGAGTGAAGTATAAGAAAGGTGGCCTTGTGATCAACGAAAGTGGGTTGTA  
CTTCGTGTATTCCAAAGTAACTTCCGGGGTCAGTCTTGCAACAACCAGCCCTAAACCACAAGGTCTAT  
ATGAGGAAGTCTAAGTATCTGAGGATCTGGTGCATATGGAGGAGAAGAGGTTGAACTACTGCACTACTG  
GACAGATATGGGCCACAGCAGCTACCTGGGGCAGTATCAATCTTACCAGTGTGACCATTTATATGT  
CAACATATCTCAACTCTCTGATCAATTTGAGGAATCTAAGACCTTTTCGGCTGTATAAGCTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja3453_a06.zip">https://cdn.origene.com/chromatograms/ja3453_a06.zip</a>
Restriction Sites:	SgfI-MluI
ACCN:	NM_010177



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<b>Insert Size:</b>	840 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>	<u><a href="#">NM_010177.4</a></u> , <u><a href="#">NP_034307.1</a></u>
<b>RefSeq Size:</b>	1935 bp
<b>RefSeq ORF:</b>	840 bp
<b>Locus ID:</b>	14103
<b>UniProt ID:</b>	<u><a href="#">P41047</a></u>
<b>Cytogenetics:</b>	1 69.95 cM
<b>Gene Summary:</b>	<p>Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:7511063). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:19794494, PubMed:7532682). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen-activated T-cells contributing to the termination of immune responses (PubMed:19794494). TNFRSF6/FAS-mediated apoptosis has also a role in the induction of peripheral tolerance (PubMed:10779162). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>