

Product datasheet for **MC225113**

Etl4 (NM_001081006) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Etl4 (NM_001081006) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Etl4
Synonyms:	6620402G01Rik; 9430077C05Rik; BC026657; E330027G05Rik; Etl-4; Skt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225113 representing NM_001081006 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCACCTCTGTCTCCACCCTGTTGTCTTCTTAGATCCTTCTTTACAAACGCAGCTGCTAAGTTGCCGT
CCTCTAAGAAGGATGATTTAAGCAGCAAGCAGAAGAAACCAGCCGAGGTGACAAGACAGAGAGAATTGG
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CGTGAACGGAGACATGAGGATGCAGAGAGAAATTGTTTATGCAAGAGGAGATGGGCTTGTGCCCCCGCA
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TTGCAAGCAGAAATGCATATGGAGCAGTCGTTATACAGACAAAAGTCAAGGAAATACCCTGATAGCCATT
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CGGCATCAAGGACTGATGAAATTAGGAAAAGTACTTACAGAACACTGGACAGCCTGGAGCAGACCATAAA
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GACAAGCCGGATGCCAGTCCCCATGACTTCCAAGAACAGACCCGGAAGCCTGGATAAGGCCAGCAAGCAG
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CCTTAAAGTTTCAGAGCCCACTCACGCAGGTAAGGCCATCATCACCTTTCGTTGCACTGCAGACTCA
AAATGGCCGAGCTGCCCCACTACCTCTTCTCTCATCCCTCCTTCCCTGCCCTCCCCACCTCCCTG
AATCAAGGTGCCAGGGGCATCAGGACCATCCATACTCCTAGCCTCGCCAGCTACAAAGCACAGAATGGAA
GTTCAAGCAAAGCCACCCATCCACAGCAAAAGAAACGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001081006
Insert Size:	5994 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081006.1, NP_001074475.1</u>
RefSeq Size:	7413 bp
RefSeq ORF:	5994 bp
Locus ID:	208618
UniProt ID:	<u>A2AQ25</u>
Cytogenetics:	2 14.27 cM

Gene Summary:

Required for normal development of intervertebral disks.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (c) encodes the longest protein (isoform c). Sequence Note:
This RefSeq record was created from transcript and genomic sequence data to make the
sequence consistent with the reference genome assembly. The genomic coordinates used for
the transcript record were based on transcript alignments.