

Product datasheet for **MC212848**

Stoml3 (NM_153156) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stoml3 (NM_153156) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stoml3
Synonyms: Epb7.2l; SLP3; sro
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212848 representing NM_153156
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATTCACCGGAGAACTGGAGAAGAACAATTTAGTGGGCACCAACAAAAGCCGGCTTGGTGTGTGCC
GCTGGATCCTGTTTTTCCCTTCTCTGCTGATGCTCGTTACCTTCCCAATCTCAGTATGGATGTGCTT
GAAGATCATTAAAGGAGTATGAGCGCGCTGTTGTCTTCAGACTGGGACGCATCCAAGCTGATAAAGCCAAG
GGACCAGGTTTGATCCTGGTCTGCCTTGCACTGACGTGTTGTCAAAGTAGATCTTCGAACGGTACTT
GTAACATTCCTCCACAAGAGATCCTCACGAGAGACTCTGTGACCACCAAGTGGATGGAGTCGTCTATTA
CAGAATCTACAGCGCCGCTCAGCCGTGGCCAATGTGAACGATGTTACCAGGCCACGTTCTGTGCTGGCT
CAGACCACTCTGAGAAATGTCTTAGGGACACAGACCTTGTCCCAGATCTTGTCTGGGCGAGAAGAGATCG
CACATAGCATCCAGACCTTGCTTGATGATGCCACCGAGCTCTGGGAATCCGAGTGGCCCGGTGGAAT
CAAAGATGTCCGATTCTGTGCAGCTGCAGAGGTCCATGGCGGCTGAGGCTGAGGCTACCCGGGAAGCC
AGAGCCAAGGTCCTTGCAGCAGAGGGAGAAATGAATGCTTCAAAGTCTCTGAAGTCAGCTCCATGGTGC
TGGCAGAGTCCCCGTCGCCCTCCAACCTCGGTACCTGCAGACCTTGACCACAGTGGCCACGGAGAAAAA
TTCCACCATTGTGTTTTCCCTTGCCGATGAACATACTTGAGGGCATTGGTGGCATCAGCTATGGCAACAAT
AAGAAGGTCCTGCTAAAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153156
Insert Size: 864 bp



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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:	<ol style="list-style-type: none">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_153156.1 , NP_694796.1
RefSeq Size:	864 bp
RefSeq ORF:	864 bp
Locus ID:	229277
UniProt ID:	Q6PE84
Cytogenetics:	3 C
Gene Summary:	Required for the function of many mechanoreceptors. Modulate mechanotransduction channels and acid-sensing ion channels (ASIC) proteins. Potentiates PIEZO1 and PIEZO2 function by increasing their sensitivity to mechanical stimulations.[UniProtKB/Swiss-Prot Function]