

Product datasheet for MC225437

Ash1l (NM_138679) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ash1l (NM_138679) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ash1l
Synonyms: 8030453L17Rik; Ash1; E430018P19Rik; Kmt2h
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225437 representing NM_138679
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_138679
Insert Size:	8877 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:	<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:	<u>NM_138679.5, NP_619620.3</u>
RefSeq Size:	11293 bp
RefSeq ORF:	8877 bp
Locus ID:	192195
UniProt ID:	<u>Q99MY8</u>
Cytogenetics:	3 F1
Gene Summary:	Histone methyltransferase specifically methylating 'Lys-36' of histone H3 (H3K36me) (By similarity). Also monomethylates 'Lys-9' of histone H3 (H3K9me1) in vitro (PubMed:22939622). The physiological significance of the H3K9me1 activity is unclear (Probable) (PubMed:22939622).[UniProtKB/Swiss-Prot Function]