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Product datasheet for MC208045

Tal1 (NM_011527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tal1 (NM_011527) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tal1
Synonyms:	bHLHa17; Hpt; Scl; SCL/tal-1; tal-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208045 representing NM_011527 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGACGGAGCGGCCGCCGAGCGAGGCGGCACGCAGTGACCCGCAACTAGAGGGACAGGACGCGGCCGAGG CCCGCATGGCCCCCCCGCACCTAGTCCTGCTCAACGGCGTCGCCAAGGAGACGAGCCGCGCAGCCCCGGC TGAGCCCCCCGTCATCGAGCTAGGAGCGCGCAGCGGCGCGGGGGGCGGCCCTGCCAGTGGGGGCGGTGCC GCGAGGGACTTAAAGGGCCGCGACGCAGTAGCAGCCGAAGCTCGCCTTCGGGTGCCCACCACCGAGCTGT GCAGACCTCCCGGACCCGCCCCGGCGCCCGCGCCCGCCTCGGCTCCTGCAGAGCTGCCTGGAGACGGCCG CATGGTGCAGCTGAGCCCGCCCGCGCTGGCAGCCCCTGCCGGCCCCGGCCGAGCGCTGCTCTATAGCCTT AGCCAGCCGCTCGCCTCACTAGGCAGTGGGTTCTTTGGGGAACCGGATGCCTTCCCCATGTTCACCAACA ACAACCGGGTGAAGAGGAGGCCCTCCCCATATGAGATGGAGATTTCTGATGGTCCTCACACCAAAGTAGT GCGGCGCATCTTCACCAACAGCCGGGAACGATGGCGGCAGCAGAATGTGAATGGGGCATTTGCTGAGCTC AGAAAGCTGATCCCCACCCACCCACCAGACAAGAAACTAAGCAAGAATGAGATCCTCCGCCTTGCCATGA AGTACATCAATTTCCTGGCCAAGTTACTCAATGACCAGGAGGAGGAAGGCACCCAGCGTGCCAAGCCTGG CAAGGACCCCGTGGTGGGAGCTGGTGGGGGTGGGGCAGGGGGTGGCATCCCCCCTGAAGACCTTCTACAG GACGTGCTTTCCCCCAACTCCAGCTGTGGCAGCTCTCTGGATGGGGCAGCCAGCCCGGACAGTTACACAG AGGAGCCAACACCCAAGCACACTTCCCGCAGCCTCCATCCTGCCCTGCTGCCTGCCGCTGATGGGGCTGG CCCCCGGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Chromatograms:	https://cdn.origene.com/chromatograms/ja2209_g09.zip

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Restriction Sites:	SgfI-MluI
ACCN:	NM_011527
Insert Size:	990 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
RefSeq:	BC063060, AAH63060
RefSeq Size:	4237 bp
RefSeq ORF:	990 bp
Locus ID:	21349
UniProt ID:	P22091
Cytogenetics:	4 52.73 cM
Gene Summary:	Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) and variant 2 encode the same protein.