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Product datasheet for MC224785

Als2 (NM_028717) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Als2 (NM_028717) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Als2
Synonyms:	3222402C23Rik; 9430073A21Rik; Als2cr6; Alsin; mKIAA1563
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224785 representing NM_028717
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTCAAAGAAGAAAAGCTCAACAGAGGCAGAAGGATCCAAAGAAAGAGGCCTAGTCCATGTCTGGC
AGGCAGGATCCTTTTCTCTAACACCAGAGAGGTTGCCAGGCTGGGGTGGAAAGACAGTTCTTCAGGCAGC
CCTTGGTGTGAGGCATGGAGTTCTTCTGACTGAAGATGGTGAGGTCTACAGCTTTGGGACTCTTCCCTGG
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC

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	TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-RsrII
ACCN:	NM_028717
Insert Size:	4956 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.
RefSeq:	NM_028717.6, NP_082993.4
RefSeq Size:	6512 bp
RefSeq ORF:	4956 bp
Locus ID:	74018
UniProt ID:	Q920R0
Cytogenetics:	1 C1.3
Gene Summary:	May act as a GTPase regulator. Controls survival and growth of spinal motoneurons. [UniProtKB/Swiss-Prot Function]

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