

Product datasheet for **RN208785**

Als2cr12 (NM_001014101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Als2cr12 (NM_001014101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Als2cr12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208785 representing NM_001014101 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTACCCCAATCCTCTCATCTACTGCACCTGCTGGGACCCCTGGAACCTGGGTCCACGGAAGCTAATCA
AGACCCCTCATCCACTTCCAAAGGCCTCCATAAGAAAGCCAATTTCCCTGCACCAATTTCAAGAGAACC
AACTACCTCCTGTCCCAACAGCAAAATCTACTGCTTTCCCGAGAGACAAAGCCAGTCAAGAAAGCTG
GAGGAGAGCAACAAAGCACCTTCAGAAGTGATAGAAGTGTCACCTGGCTATAAATTGTTGAAATCGGG
AGCAGATTTAGTCACCTTGGGAGATGAGATGTTTCAGTAGGAAAAACACCTGGAATCGGGCATCTTGAG
CAAAGTCAAAATTTCCAGGTCTGATATCATTTCTGACCTTGAGGAGCAGATCTCTGAATTGTCAGCAATA
ATAGAACAAATGAACAGAGACCACAGTCTGCCAGAACTGCTCTCAACGAGATGGATCTCCGCTGTG
CTGACATGAAACAGAAGTTTGAACGGAGAGCAGGGAACCTCAACAGACTCACAAGAGCAGCTTGAGAA
GTTAGAGAACAGCTACAAGGAAACCTTGAAGGTAGAAAAGGCTGCTGCCAAGAGAAATTAGATGAGATG
GGCAAAGAATATAAGTATCTGAAGAATATGTTTCACATGTACCAGGATAGCATTTACGATGAAATGGAAG
ACAAGTGGTCAAGGCGGAAGGCAGAATGGGAGAAGGATGAGAAGATGGAACGGGAAAAGATCCTGCTACA
GCAAAAACACAGGATAACAAAAAGTTTGAGTTAGAGTCAGAAGAAGAAAAAGGAAATGAACGAGTCC
TTCAGTACTGTTATGGAGAACTTCACTCGAGAAAAAGAGGAGCTCATACACAACATAATGAAGATATCC
TGCAAATGCAGGAGCTGAGAAAAGCCAAAGAGATCTTGAGGCTGAGTTGCGGACACAAGCTGTTGTTCT
GGAGACCTGAACACAAGCCTTTACCACTGCCAGATAGAACTCCAGAGAGAGAAAATATGGCGGAAAT
CTAGAGAACTGTTCCAGACGAAGCTTGCCGAAGCTGAAGAAAAATATAAGTCTACCATACAAGTCTGA
CGGAAGAAAAATACAGCCTCAGGCAAAAGGTGTTAACCATAAGCACAAATGAGGAAATCTTTGAAGAAAG
ATCTGAGAAGTCATCCTCTGCTAGTCCTAACATATATGAGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001014101
Insert Size:	1236 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:	<u>NM_001014101.1, NP_001014123.1</u>
RefSeq Size:	1874 bp
RefSeq ORF:	1236 bp
Locus ID:	316413
UniProt ID:	<u>Q6AY08</u>
Cytogenetics:	9q31