

Product datasheet for **MC210008**

Alyref2 (NM_019484) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alyref2 (NM_019484) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alyref2
Synonyms:	C130042O11Rik; REF2; Refbp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210008 representing NM_019484 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGACAAGATGGACATGTCTTTGGACGACATCATTAAAGCTGAACCGTAACCCAGCGCCGGGTGAATC
GAGGCGGCGGGCCTAGGAGGAACCGCCCGCCATCGCCCGGGCGGCAGGAACCGCCGGCACCGTACAG
TAGACCGAAACCACTTCCGGACAAGTGGCAGCAGCAGCTATTCGACAGCGGCTCGGGGGTGGGGAAGGC
GTGGAGACCGGTGCCAAGCTGCTCGTGTCAAACCTGGACTTCGGGGTGTGAGATGCTGACATTCAGGAAC
TCTTTGCTGAATTTGGAACGTTGAAAAAGCCGCTGTGGACTACGATCGCTCTGGACGAAGTTTAGGGAC
GGCGGATGTACACTTTGAACGGAGGGCAGATGCCCTGAAGGCTATGAAGCAGTACAAGGGCGTCCCTTTG
GATGGCCGCCCTATGGACATCCAGCTTGTACGTACAGATCGATCCACAGCGAAGACCTGCACAAAGCG
GAAACAGAGGGCGCATGACAAGGAGCCGTGGCTCTGGAGGCTTTGGTGGCCGCGGCAGCCAGGGAAGGGG
TAGAGGCACTGGCAGGAACCAAAGCAGCAGCAGCTTTCTGCAGAGGAGTTGGACGCACAGCTGGATGCT
TACAATGCAAGGAGGGACACCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019484
Insert Size:	657 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:	<u>NM_019484.4</u> , <u>NP_062357.3</u>
RefSeq Size:	1273 bp
RefSeq ORF:	657 bp
Locus ID:	56009
UniProt ID:	<u>Q9JW6</u>
Cytogenetics:	1 H3
Gene Summary:	Export adapter involved in spliced and unspliced mRNA nuclear export. Binds mRNA which is transferred to the NXF1-NXT1 heterodimer for export (TAP/NFX1 pathway); enhances NXF1-NXT1 RNA-binding activity.[UniProtKB/Swiss-Prot Function]