

AKR1B1-aldo-keto reductase family 1, member B1 (aldose reductase) Gene

Reference: PTXBC005387

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	ADR; ALDR1; ALR2; Lii5-2 CTCL tumor antigen; aldehyde reductase 1; aldo-keto reductase family 1 member B1; low Km aldose reductase; aldo-keto reductase family 1 member B		

For research use only.

GENE DESCRIPTION	aldo-keto reductase family 1, member B1 (aldose reductase)
GENE ID	231
ORIGIN SPECIES	Human
ACCESSIONS	BC005387
VECTOR	pDONR223
NCBI SYMBOL	AKR1B1
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atggctagccgtctcctctcaacaacggcgccaagatgccatcctgggttggttacctggaagtcctccagggcaggtgactgagccgtgaaggtggccattgacgtcgggtaccgccacatcactgtgccatgtgtaccagaatgagaatgaggtgggggtggccattca
ggagaagctcagggagcaggtggtgaagcgtgaggagctcttcacgtcagcaagctgtgtgtgcacgtaccatgagaaggccctggtgaaggagcctgccagaagacactcagcagctgaagctggactacctggacctctaccttattcactggccgactggctttaagcctggga
aggaattttccattggatgagtcgggcaatgtgttccagtgacaccaacattctggacacgcggcgccatggaagagctgtgtgatgaaggctgtgtgaaagctattggcatctccaacttcaacctctccaggtggagatgatcttaacaaacctggcttgaagtataagcctg
cagttaacagattgagtgccaccatctcactcaggagaagttatccagttactgccagtcctccaaaggcctcgtgtgaccgcctacagcccccctggctctcctgacagggccctgggccaagcccaggacccctctctctggaggatccaggatcaaggcagtcgcagccaagc
acaataaaactacagcccaggtctctgatccggttcccatgcagaggaaactgtgtgatcccaagctgtgacaccagaacgcattgctgagaactttaaggtcttgaacttgaactgagcagcaggatgaccaccttactcagctacaacaggaaactggagggtctgtgcctgtt
gagctgtacctcccaaggattacccttccatgaagattttga