

Product datasheet for **SC203044**

Cytokeratin 8 (KRT8) (NM_002273) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cytokeratin 8 (KRT8) (NM_002273) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KRT8
Synonyms:	CARD2; CK-8; CK8; CYK8; K2C8; K8; KO
ACCN:	NM_002273
Insert Size:	267 bp
Insert Sequence:	>SC203044 3'UTR clone of NM_002273 The sequence shown below is from the reference sequence of NM_002273. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCTGAGTCCTCTGACGTCTGCCAAGTGAACAGCTGCGGCAGCCCCTCCAGCCTACCCCTCTGCGC TGCCCCAGAGCCTGGGAAGGAGCGCTATGCAGGGTAGCACTGGGAACAGGAGACCCACCTGAGGCTC AGCCCTAGCCCTCAGCCACCTGGGGAGTTACTACCTGGGGACCCCTTGCCCATGCCTCCAGCTAC AAAACAATTCAATTGCTTTTTTTTTTTTGGTCCAAAATAAACCTCAGCTAGCTCTGCCAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG Restriction Sites: SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_002273.4</u>



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Summary:

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

Locus ID:

3856

MW:

9.9