

Product datasheet for **SC204255**

Desmoglein 4 (DSG4) (NM_177986) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Desmoglein 4 (DSG4) (NM_177986) Human 3' UTR Clone
Symbol:	Desmoglein 4
Synonyms:	CDGF13; CDHF13; HYPT6; LAH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_177986
Insert Size:	1344 bp



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Insert Sequence: >SC204255 3'UTR clone of NM_177986
The sequence shown below is from the reference sequence of NM_177986. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACAGTAACATACATTACACCCAACAGTAAAGTGCTTTATGGTCAGTATTCTATGTGGAGACCTTGACC
TTGTAATCATCAATACATCCACCAAAAAATATATAATGTACCATATATTAATAGTCAACAAATACTCA
GATATTCTAAGGTCAATGCCATTATTTGATTATACCATTTTGGGGTGAATATGGCTAGGCACTTTAGA
TAAGCCTTTTTAAAATCTTTCTGATTTTAAATAATGCGTCAAAAAATGTGCAGAAAATGTATTGCATC
CCTTGATACTGTCTAACGAATAGCACATAACTCATATTGTGAATCCTATGGGTCTTGAGGCTGTAGAA
CCAATCTGTAAACCAAGATGCCTTGTCTTGGAAAGTTACAAAAGAAGCCCTGTCTACATCCACCAGCC
ATATTTTTCGTTAGGAAATATTTATATTAATAATTTTAAATTGAAAAGTTGAATGAAATGTACATTCTG
AAAGAAATTGAAAAGGAACGTAGAGTATCTGTCAATATCTTTAGATATCTGAAGTCATTTGTCTCTTC
AAAAGATTTTTCAATATTATGCGCTATTAAAGCAATAGGAGATGCTTAATAATAAGAAAAGAGTTTGC
CAACTGAAAGCATGGCTGGAAATGGTTCATCAAAGAAAAATATATATTTTTATTGAACCTTTATTGATTT
ATATGATTAACGTAAATTAATCTAGAATAGCAAAAAAATGACAATCCTAAAGTAGAAAAGAGTTATT
GGGAAATATTAGAGTTTTCCCACTTACAGGGAATTTTTCCCTACTGTTGCCAATTATGTCAGAAAA
ATACATGAAATATGGCTTAACCAATTTTCATTGACCTGAATCGTAGAGCTTCAATTGGCAACCAGATAT
TCTCCAAAAGCACTCTGTAGTTATTCATATATTCTACAATATTTACTTAGAAGCAACTAGGTGTTGGGT
GCTAGTCTGGCTCTGTGAATATACAGGTAAGAAGACAGACATGGTTTCTGCCTTCATAGAGCTTCTA
TTCATTTCTAGACTTAAAATAAACTCTGGGATATGGCTTTAAGTTCCTAACAAATAATTAACCAAC
TACTTAAGTCCATTACCAAGTTGTGTTCTCTTTGCAACACTACTGTTTATGTTGAATAAATAAAATGG
AAACACATTGCTTACTTTTCGTAGGCATAAAGCTGACTTGAGAAAAAGAATCTCTAGCCAGGTAATTTT
ACTTAATTCTGTAATAATGTATACAGTAGCAGCAATAATGTGACTGAGATAATGTAATGAAATAAAC
TTATTTTCAAGGCTTAATCCTTTTAAAAGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-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: [NM_177986.5](#)

Summary: This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein is a transmembrane component of desmosomes and may play a role in cell-cell adhesion in epithelial cells. Mutations in the gene are associated with localized autosomal recessive hypotrichosis and monilethrix, characterized by impaired hair growth. [provided by RefSeq, May 2016]

Locus ID: 147409

MW: 52.7