

Product datasheet for **SC125875**

Corneodesmosin (CDSN) (BC031993) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Corneodesmosin (CDSN) (BC031993) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDSN
Synonyms:	corneodesmosin; D6S586E; differentiated keratinocyte S protein; HTSS; OTTHUMP00000029207; S
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF:

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>OriGene sequence for BC031993 edited
GTCCGAGATGGGCTCGTCTCGGGCACCCCTGGATGGGGCGTGTGGGTGGGCACGGGATGTT
GGCACTGCTGCTGGCTGGTCTCCTCCTGCCAGGGACCTTGGCTAAGAGCATTGGCACCTT
CTCAGACCCCTGTAAGGACCCACGCGTATCACCTCCCCTAACGACCCCTGCCTCACTGG
GAAGGGTGACTCCAGCGGCTTCACTAGCTACAGTGGCTCCAGCAGTTCTGGCAGCTCCAT
TTCCAGTGCCAGAAGCTCTGGTGGTGGCTCCAGTGGTAGCTCCAGCGGATCCAGCATTGC
CCAGGGTGGTTCTGCAGGATCTTTAAGCCAGGAACGGGGTATTCCCAGGTCAGCTACTC
CTCCGGATCTGGCTTAGTCTACAAGGTGCATCCGGTTCCTCCCAGCTGGGGAGCAGCAG
CTCTCACTCGGGAAGCAGCGGCTCTCACTCGGGCAGCAGCTCTCATTGAGCAGCAGCAG
CAGCTTTCAGTTCAGCAGCAGCAGCTTCCAAGTAGGGAATGGCTCTGCTCTGCCAACAA
TGACAACCTTACC CGGAATACTAAACCCTTCCCAGCCTGGACAAAGCTTCTCCTTTC
CCAGACCTTTGGGGTATCCAGCAGTGGCCAAAGCGTCAGCTCCAACCAGCGTCCCTGTAG
TTCGGACATCCCCGACTCCTCCTGCAGTGGAGGGCCCATCGTCTCGCACTCCGGCCCTA
CATCCCCAGCTCCCACTCTGTGTAGGGGGTCAAGGCCCTGTGGTGGTGGTGGTGGACCA
GCACGGTTCTGGTGCCCTGGAGTGGTTCAAGGTCCCCCTGTAGCAATGGTGGCCTTCC
AGGCAAGCCCTGTCCCCAATCACCTCTGTAGACAATCTATGGTGGCTACGAGGTGGT
GGTGGCTCCTCTGACAGTTATCTGGTCCAGGCATGACCTACAGTAAGGGTAAAATCTA
CCCTGTGGGCTACTTCACCAAAGAGAACCCTGTGAAAGGCTCTCCAGGGGTCCCTTCCCT
TGCACTGGGCCCCCATCTCTGAGGGCAAATACTTCTCCAGCAACCCCATCATCCCCAG
CCAGTCGGCAGCTTCTCGGCCATTGCATTCCAGCCAGTGGGGACTGGTGGGGTCCAGCT
CTGTGGAGGCGGCTCCACGGGCTCCAAGGACCCTGCTCTCCCTCCAGTTCTCGAGTCCC
CAGCAGTTCTAGCATTTCGGCAGCTCCGGTTTACCCTACCATCCCTGCGGCAGTGCTTC
CCAGAGCCCTGCTCCCCACCAGGCACCGGCTCCTTCCAGCAGCAGCTCCAGTTCCCAATC
CAGTGGCAAAATCATCCTTCAGCCTTGGCGCAGCAAGTCCAGCTTCTCTGGTACCCTTG
CATGTCTGTCTCCTCCTTGACACTGACTGGGGGCCCGATGGCTCTCCCCATCCTGATCC
CTCCGCTGGTGCCAAGCCCTGTGGCTCCAGCAGTGTGAAAGATCCCCTGCCGCTCCAT
CCGGGATATCCTAGCCCAAGTGAAGCCTCTGGGGCCCCAGCTAGCTGACCCTGAAGTTTT
CCTACCCCAAGGAGAGTTACTCGACAGTCCATAAGAAGTCAACTGTTGTGTGTGTGCATG
CCTTGGGCACAAACAAGCACATACTATATCCCATATGGGAGAAGTCCAGTGCCAGGC
ATAGGGTTAGCTCAGTTTCCCTCCTTCCAAAAGAGTGGTTCTGCTTTCTCCACTACCC
AAGTTGCAGACTCTCTTATCACCCCTTCTCCTTCTTCTTCTCAAAATGGTAGATTC
AAAGCTCCTCTTATTCTCTCTACTGTTTAAATCCATTCCACCACAGTGCCCTC
AGCCAGATCACCCCTTACAATTCCTCTACTGTGTGAAATGGTCCATTGAGTAACA
CCCCATCAGTTCTCAACTGGGAAACCCTGAAATGCTCTCAGAGCACCTCTGACGCCT
GAAGAAGTTATACCTTCTTCCCTTTACCAAATAAAGCAAAGTCAAACCATCATCTG
GAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC031993 unedited NNGGGTCAGAATTTGTATACGACTCATATAGGCGGCCGCGNAATTC AATCTGGTACCGGT CCGGAATCCCGGGATGTCCGAGAGGGCTCGTCTCGGGCACCCCTGGATGGGGCGTGTGGG TGGGCACGGGATGTTGGCACTGTGCTGGCTGGTCTCCTCCTGCCAGGGACCTTGGCTAA GAGCATTGGCACCTTCTCAGACCCTGTAAGGACCCACGCGTATCACCTCCCCTAACGA CCCCTGCCTCACTGGGAAGGGTGACTCCAGCGGCTTCAGTAGCTACAGTGGCTCCAGCAG TTCTGGCAGCTCCATTTCCAGTGCCAGAAGCTCTGGTGGTGGCTCCAGTGGTAGCTCCAG CGGATCCAGCATTGCCAGGGTGGTTCTGCAGGATCTTTAAGCCAGGAACGGGGTATTCC CCAGGTACGCTACTCCTCCGGATCTGGCTTAGTCTACAAGGTGCATCCGGTTCTCCCA GCTGGGGAGCAGCAGCTCTCACTCGGGAAGCAGCGGCTCTCACTCGGGCAGCAGCTCTCA TTCGAGCAGCAGCAGCAGCTTTTCAGTTCAGCAGCAGCAGCTTCCAAGTAGGGAATGGCTC TGCTCTGCCAACCAATGACAACCTTACC GCGGAATACTAAACCCTTCCCAGCCTGGACA AAGCTCTTCTCTCCCAGACCTTTGGGGTATCCAGCAGTGGCCAAAGCGTCAGCTCCAA CCAGCGTCCCTGTAGTTCGGACATCCCCGACTCTCCCTGCAGTGGAGGGCCCATCGTCTC GCACTCCGGCCCCTACATCCNCAGCTCCACTCTGTGTCAGGGGGTCCAGAGGCCTGTGGT GGTGGTTGTGGGACCAGCACGGTCTGGTGCCCTGGAGTGC
Restriction Sites:	NotI-NotI
ACCN:	BC031993
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:	BC031993.1 , AAH31993.1
RefSeq Size:	2062 bp
Locus ID:	1041
Cytogenetics:	6p21.33
Protein Families:	Secreted Protein, Transmembrane

Gene Summary:

This gene encodes a protein found in corneodesmosomes, which localize to human epidermis and other cornified squamous epithelia. The encoded protein undergoes a series of cleavages during corneocyte maturation. This gene is highly polymorphic in human populations, and variation has been associated with skin diseases such as psoriasis, hypotrichosis and peeling skin syndrome. The gene is located in the major histocompatibility complex (MHC) class I region on chromosome 6. [provided by RefSeq, Dec 2014]