

## Recombinant Human CDSN

**Cat. No.** CDSN-27961TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human Corneodesmosin with N-terminal proprietary tag. Mol Wt 35.31 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Protein Length</b>	88 amino acids
<b>Description</b>	This gene encodes a protein found in corneodesmosomes, which localize to human epidermis and other cornified squamous epithelia. During maturation of the cornified layers, the protein undergoes a series of cleavages, which are thought to be required for desquamation. The gene is located in the major histocompatibility complex (MHC) class I region on chromosome 6.
<b>Molecular Weight</b>	35.310kDa inclusive of tags
<b>Tissue specificity</b>	Exclusively expressed in skin.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	KIILQPCGSKSSSSGHPCMSVSSLTLTGGPDGSPHPDPSAGAKPCGSSSAGKIPCR SIRDILAQVKPLGPQLADPEVFLPQGELLNSP*
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CDSN corneodesmosin [ Homo sapiens ]
<b>Official Symbol</b>	CDSN
<b>Synonyms</b>	CDSN; corneodesmosin; D6S586E;
<b>Gene ID</b>	1041
<b>mRNA Refseq</b>	NM_001264
<b>Protein Refseq</b>	NP_001255
<b>MIM</b>	602593
<b>Uniprot ID</b>	Q15517
<b>Chromosome Location</b>	6p21.3
<b>Function</b>	protein homodimerization activity;

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