

## Recombinant Human CDSN protein, His-tagged

**Cat. No.** CDSN-409H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human Corneodesmosin is produced by our Mammalian expression system and the target gene encoding Lys33-Pro528 is expressed with a 6His tag at the C-terminus.                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Lys33-Pro528                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 49.3 Kda                                                                                                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | Less than 0.1 ng/g (1 EU/g) as determined by LAL test.                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | <p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>                                               |
| <b>Reconstitution</b>   | <p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p> |

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## GENE INFORMATION

|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| Gene Name       | CDSN corneodesmosin [ Homo sapiens ]                                                       |
| Official Symbol | CDSN                                                                                       |
| Synonyms        | CDSN; corneodesmosin; D6S586E; differentiated keratinocyte S protein; S; PSS; HTSS; HTSS1; |
| Gene ID         | 1041                                                                                       |
| mRNA Refseq     | NM_001264                                                                                  |
| Protein Refseq  | NP_001255                                                                                  |
| MIM             | 602593                                                                                     |
| UniProt ID      | Q15517                                                                                     |

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