

## 32-7530: Recombinant Human Corneodesmosin/CDSN (C-6His)

**Gene :** CDSN  
**Gene ID :** 1041  
**Uniprot ID :** Q15517

### Description

Source: Human Cells.  
MW :49.3kD.

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. Corneodesmosin is a protein that is encoded by the CDSN gene in humans. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** KSI<sup>T</sup>GFSDPCKDPTRITSPNDPCLT<sup>G</sup>KG<sup>D</sup>SSG<sup>F</sup>SSYSG<sup>S</sup>SSSG<sup>S</sup>SISSARSSGGGSSG<sup>S</sup>SSG<sup>S</sup>SSIAQGG<sup>S</sup>AGS<sup>F</sup>K  
PG<sup>T</sup>GY<sup>S</sup>QV<sup>S</sup>YSSG<sup>S</sup>SSLQ<sup>G</sup>ASG<sup>S</sup>QLG<sup>S</sup>SSSHG<sup>S</sup>SSG<sup>S</sup>SHG<sup>S</sup>SSSHSSSSSFQ<sup>F</sup>SSSS<sup>F</sup>QV<sup>G</sup>NG<sup>S</sup>ALPT<sup>N</sup>D  
NSY<sup>R</sup>GI<sup>L</sup>NP<sup>S</sup>QPG<sup>Q</sup>SSSS<sup>S</sup>QTF<sup>G</sup>VSS<sup>S</sup>GQ<sup>S</sup>VSS<sup>N</sup>QR<sup>P</sup>CS<sup>S</sup>DI<sup>P</sup>DS<sup>P</sup>CS<sup>G</sup>GG<sup>P</sup>IV<sup>S</sup>HG<sup>P</sup>Y<sup>I</sup>PS<sup>S</sup>HS<sup>V</sup>SG<sup>G</sup>QR<sup>P</sup>V<sup>V</sup>  
VV<sup>V</sup>D<sup>Q</sup>HG<sup>S</sup>GAP<sup>G</sup>VV<sup>Q</sup>GPP<sup>C</sup>SNG<sup>L</sup>PG<sup>K</sup>PC<sup>P</sup>IT<sup>S</sup>VD<sup>K</sup>SY<sup>G</sup>GG<sup>Y</sup>EV<sup>V</sup>GG<sup>S</sup>SD<sup>S</sup>YL<sup>V</sup>PG<sup>M</sup>TY<sup>S</sup>KG<sup>K</sup>IY<sup>P</sup>VG<sup>Y</sup>FT<sup>K</sup>E  
NP<sup>V</sup>KG<sup>S</sup>PG<sup>V</sup>PS<sup>F</sup>AAG<sup>P</sup>PISE<sup>G</sup>KY<sup>F</sup>SS<sup>N</sup>PI<sup>I</sup>PS<sup>Q</sup>SA<sup>A</sup>SSA<sup>I</sup>AF<sup>Q</sup>PV<sup>G</sup>TG<sup>G</sup>V<sup>Q</sup>LC<sup>G</sup>GG<sup>S</sup>TG<sup>S</sup>KG<sup>P</sup>CS<sup>P</sup>SS<sup>S</sup>RV<sup>P</sup>SS<sup>S</sup>  
SIS<sup>G</sup>SS<sup>L</sup>PL<sup>Y</sup>HPC<sup>G</sup>SAS<sup>Q</sup>SP<sup>C</sup>SP<sup>P</sup>GT<sup>G</sup>SF<sup>S</sup>SSSS<sup>S</sup>QSS<sup>G</sup>KI<sup>L</sup>QPC<sup>G</sup>SK<sup>S</sup>SSSG<sup>H</sup>PC<sup>M</sup>SV<sup>S</sup>SL<sup>T</sup>L<sup>T</sup>GG<sup>P</sup>DG<sup>S</sup>PH<sup>P</sup>  
DPS<sup>A</sup>GAK<sup>P</sup>CG<sup>S</sup>SSAG<sup>K</sup>IP<sup>C</sup>RS<sup>I</sup>R<sup>D</sup>IL<sup>A</sup>Q<sup>V</sup>K<sup>L</sup>GP<sup>Q</sup>LAD<sup>P</sup>EV<sup>F</sup>LP<sup>Q</sup>GEL<sup>L</sup>DS<sup>P</sup>V<sup>D</sup>HH<sup>H</sup>HH<sup>H</sup>

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.