

## Active Recombinant Human CDSN, His-tagged

Cat. No. CDSN-407H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDSN (Accession # AAN70994) Lys33-Pro528, fused with a C-terminal 6-His tag (Asp526Asn), was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	33-528 a.a.
<b>Predicted N Terminal</b>	Lys33
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of BUD-8 human fibroblast cells. When 3 x 10 <sup>4</sup> cells/well are added to rhCDSN coated plates (10 µg/mL, 100 µg/well), approximately 50 - 80% will adhere after 1 hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human CDSN, His-tagged has a calculated MW of 49.1 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	CDSN corneodesmosin [ Homo sapiens ]
<b>Official Symbol</b>	CDSN
<b>Synonyms</b>	CDSN; corneodesmosin; D6S586E; differentiated keratinocyte S protein; S; PSS; HTSS; HTSS1;
<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

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