

Active Recombinant Human CDSN, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	33-528 a.a.
Predicted N Terminal	Lys33
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of BUD-8 human fibroblast cells. When 3×10^4 cells/well are added to rhCDSN coated plates (10 µg/mL, 100 µL/well), approximately 50 - 80% will adhere after 1 hour at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human CDSN, His-tagged has a calculated MW of 49.1 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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
Chromosome Location	6p21.3

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