

Recombinant Human CDSN Protein

Catalog #	Source	Reactivity	Applications
CRP1280	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CDSN Protein is produced by our Mammalian expression system and the target gene encoding Lys33-Pro528 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	CDSN
Alternative Names	Corneodesmosin; S protein
Entrez Gene	1041 (Human)
SwissProt	Q15517 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	<p>KSIGTFSDPC KDPTRITSPN DPCLTGKGDG SGFSSYSGSS SSGSSISSAR SSGGGSSGSS</p> <p>SGSSIAQGGG AGSFKPGTGY SQVSYSSGSG SSLQGASGSS QLGSSSSHSG SSGSHSGSSS</p> <p>HSSSSSFQF SSSSFQVGNG SALPTNDNSY RGILNPSQPG QSSSSSQTFG VSSSGQSVSS</p> <p>NQRPCSSDIP DSPCSGGPIV SHSGPYIPSS HSVSGGQRPV VVVVDQHGSG APGVVQGPCC</p> <p>SNGGLPGKPC PPITSVDKSY GGYEVVGGSS DSYLVPGMTY SKGKIYPVGY FTKENPVKGS</p> <p>PGVPSFAAGP PISEGKYFSS NPIIPSQSAA SSAIAFQPVG TGGVQLCGGG STGSKGPCSP</p> <p>SSSRVPSSSS ISGSSGLPYH PCGSASQSPC SPPGTGSFSS SSSSQSSGKI ILQPCGSKSS</p> <p>SSGHPCMSVS SLTLTGGPDG SPHPDPSAGA KPCGSSSAGK IPCRSIRDIL AQVKPLGPQL</p> <p>ADPEVFLPQG ELLDSPVDHH HHHH</p>
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Directions for Use	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

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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