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Datasheet for ABIN4370417

Corneodesmosin Protein (CDSN) (AA 33-528) (His tag)

Overview

Quantity:	50 µg
Target:	Corneodesmosin (CDSN)
Protein Characteristics:	AA 33-528
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Corneodesmosin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Corneodesmosin/CDSN (C-6His)
Sequence:	<p>KSIGTFSDPC KDPTRITSPN DPCLTGKGDS SGFSSYSGSS SSGSSISSAR SSGGGSSGSS SGSSIAQGGG AGSFKPGTGY SQVSYSSGSG SSLQGASGSS QLGSSSSHSG SSGSHSGSSS HSSSSSFQF SSSSFQVGNG SALPTNDNSY RGILNPSQPG QSSSSSQTFG VSSSGQSVSS NQRPCSSDIP DSPCSGGPIV SHSGPYIPSS HSVSGGQRPV VVVVDQHGS APGVVQGPPC SNGGLPGKPC PPITSVDKSY GGYEVVGGSS DSYLVPGMTY SKGKIYPVGY FTKENPVKGS PGVPSFAAGP PISEGKYFSS NPIIPSQSA SSAIAFQPVG TGGVQLCGGG STGSKGPCSP SSSRVPSSSS ISGSSGLPYH PCGSASQSPC SPPGTGSFSS SSSSQSSGKI ILQPCGSKSS SSGHPCMSVS SLTLTGGPDG SPHPDPSAGA KPCGSSSAGK IPCRSIRDIL AQVKPLGPQL ADPEVFLPQG ELLDSPVDHH HHHH</p>
Characteristics:	Recombinant Human Corneodesmosin/CDSN is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Lys33-Pro528) of Human CDSN fused with a polyhistidine tag at the C-terminus.

Product Details

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Corneodesmosin (CDSN)
Alternative Name:	corneodesmosin (CDSN Products)
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative Names: Corneodesmosin, S Protein, CDSN</p>
Molecular Weight:	49.3 kDa
UniProt:	Q15517

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -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 < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months