

Recombinant Human CDSN protein, His & GST-tagged

Cat. No. CDSN-1645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDSN aa. (Lys33~Gly300 (Accession # Q15517)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys33~Gly300
Description	This gene encodes a protein found in corneodesmosomes, which localize to human epidermis and other cornified squamous epithelia. The encoded protein undergoes a series of cleavages during corneocyte maturation. This gene is highly polymorphic in human populations, and variation has been associated with skin diseases such as psoriasis, hypotrichosis and peeling skin syndrome. The gene is located in the major histocompatibility complex (MHC) class I region on chromosome 6.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	7.8

GENE INFORMATION

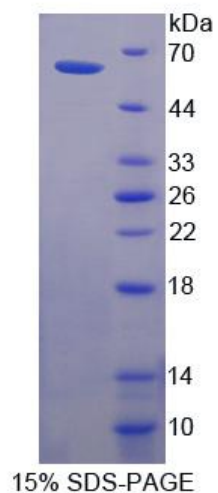
Gene Name	CDSN corneodesmosin [Homo sapiens (human)]
Official Symbol	CDSN
Synonyms	CDSN; corneodesmosin; S; PSS; HTSS; PSS1; HTSS1; HYPT2; differentiated keratinocyte S protein
Gene ID	1041
mRNA Refseq	NM_001264.4
Protein Refseq	NP_001255.3
UniProt ID	Q15517

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SDS-PAGE



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