



Recombinant Protein Technical Manual

**Recombinant Human Corneodesmosin/CDSN
Protein (His Tag)**
RPES1038

Product Data:

Product SKU: RPES1038

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q15517

Protein Information:

Molecular Mass: 49.3 kDa

AP Molecular Mass: 67 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Corneodesmosin; S Protein; CDSN

Immunogen Information:

Sequence: Lys33-Pro528

Background:

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.