

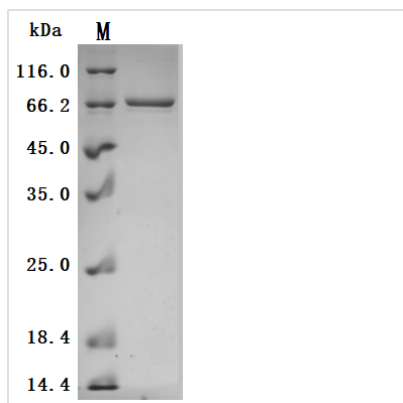


# Recombinant Human Desmoglein-3 (DSG3), partial (Active)

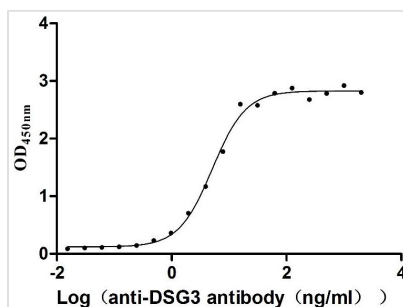
<b>Product Code</b>	CSB-BP007205HUc7
<b>Abbreviation</b>	Recombinant Human DSG3 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P32926
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human DSG3 at 2 µg/mL can bind Anti-DSG3 recombinant antibody (CSB-RA007205A0HU), the EC50 is 4.552-5.720 ng/mL.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	EWVKFAKPCREGEDNSKRNP IAKITSYQATQKITYRISGV GIDQPPFGIFVVDKNTG DINITAIVDREETPSFLIT CRALNAQGLDVEKPLIL TVKILDINDNPPVFSQQ IFMGEIEENSASNSLVM ILNATDADEPNHLNSKI AFKIVSQEPAGTPMFL SRNTGEVRTLTNSLDRE QASSYRLVVGADKDG EGLSTQCECNKVKDV NDFPMFRDSQYSARIE ENILSSELLRFQVTDL DEEYTDNLAVYFFTSG NEGNWFEIQTDPRTN EGILKVVKALDYEQLQ SVKLSIAVKNKAEFHQ SVISRYRVQSTPVTIQ VINVREGIAFRPASKT FTVQKGISSKKLVDYI LGTYQAIDEDTNKAAS NVKYVMGRNDGGYLM IDSKTAEIKFVKNMNR DSTFIVNKTITAEVLA IDEYTGKTSTGTVYVR VPDFNDNCPTAVLEK DAVCS SSPSVVVSART LNNRYTGPYTFAL EDQPVKLP AVWSITTLNATSALL RAQEQIPPGVYHISL VLTD SQNNRC EMPRSLTLEVCQCDN RGICGTSYPTTSPG TRYGRPHSGR
<b>Research Area</b>	other
<b>Source</b>	Baculovirus
<b>Target Names</b>	DSG3
<b>Expression Region</b>	50-615aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 6xHis-tagged
<b>Mol. Weight</b>	63.8 kDa


**Protein Length**

Partial

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.


**Activity**

Measured by its binding ability in a functional ELISA. Immobilized Human DSG3 at 2  $\mu$ g/mL can bind Anti-DSG3 recombinant antibody (CSB-RA007205A0HU), the EC<sub>50</sub> is 4.552-5.720 ng/mL.

**Endotoxin**

Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.