

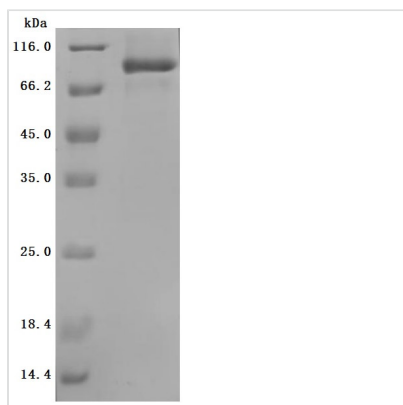


Recombinant Human Desmoglein-2 (DSG2), partial (Active)

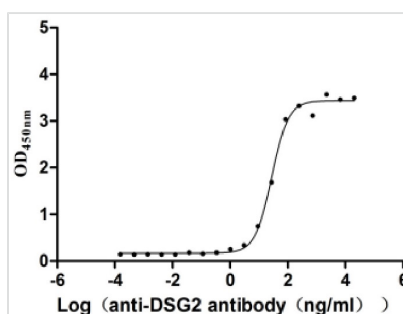
Product Code	CSB-MP622752HU
Abbreviation	Recombinant Human DSG2 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14126
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Human DSG2 at 2 μg/mL can bind Anti-DSG2 recombinant antibody (CSB-RA622752MA1HU)?the EC50 is 20.26-38.00 ng/mL.
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AWITAPVALREGEDLSKKNPIAKIHSDLAERGLKITYKYTGKIGITEPPFGIFVFN KDTGELNVTSILDREETPFLLTGYALDARGNNVEKPLELRIKVLVDINDNEPVFT QDVFVGSVEELSAHTLVMKINATDADEPNTLNSKISYRIVSLEPAYPPVFYLNK DTGEIYTTSVTLDRREEHSSYTLTVEARDGNGEVTDKPVKQAQVQIRILDVNDNI PVVENKVLEGMVEENQVNVEVTRIKVFDADAIGSDNWLANFTFASGNEGGEYF HIETDAQTNEGIVTLIKEVDYEEMKNLDFSVIVANKAAFHKSIRSKYKPTPIPIKV KVKNVKEGIHFKSSVISIYVSESMRSSKGQIIGNFQAFDEDTGLPAHARYVKL EDRDNWISVDSVTSEIKLAKLPDFESRYVQNGTYTVKIVAISEDYPRKTITGTVLI NVEDINDNCPTLIEPVQTIHDAEYVNVTAEDLDGHPNSGPFSSVIDKPPGMA EKWKIARQUESTSVLLQQSEKKLGRSEIQFLISDNQGFSCPEKQVLTTLTVCECLH GSGCREAQHDSYVG
Source	Mammalian cell
Target Names	DSG2
Expression Region	50-609aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	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 DSG2 at 2 μ g/mL can bind Anti-DSG2 recombinant antibody (CSB-RA622752MA1HU)? the EC₅₀ is 20.26-38.00 ng/mL.

Endotoxin

Less than 1.0 EU/ μ g 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.