

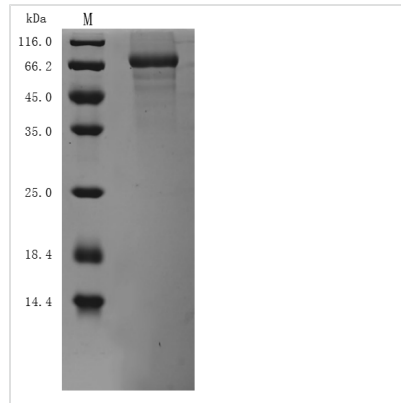


Recombinant Mouse Desmoglein-3 (Dsg3), partial (Active)

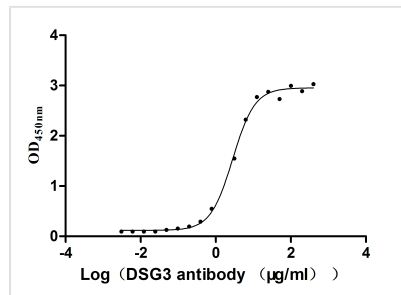
Product Code	CSB-MP007205MOd7
Abbreviation	Recombinant Mouse Dsg3 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O35902
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	Mus musculus (Mouse)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Dsg3 at 5 μg/mL can bind Anti-DSG3 recombinant antibody (CSB-RA007205A0HU), the EC ₅₀ is 2.624-3.182 μg/mL.
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	EWVKFAKPCREREDNSRRNPIAKITSDFQKNQKITYRISGVGIDQPPFGIFVVD PNNGDINITAIVDREETPSFLITCRALNALGQDVERPLILTVKILDVNDNPPIFSQT IFKGEIEENSASNSLVMILNATDADEPNHMNSKIAFKIVSQEPAGMSMFLISRNT GEVRTLTSSLDREQISSYHLVVGADNDGTGLSTQCECSIKIKDVNDNFPVLR SQYSARIEENTLNAELLRFQVTDWDEEYTDNWLAVYFFFTSGNEGNWFEIETDP RTNEGILKVVKALDYEQVQSMQFSIAVRNKAEFHQSVISQYRVQSTPVTIQVID VREGISFRPPSKTFTVQRGVSTNKLVGYLGTQATDEDTGKAASSVRYVLGR NDGGLLVIDSKTAQIKFVKNIDRDSTFIVNKTISAEVLAIDENTGKTSTGTIYVEVP SFNENCPSVVLEKKDICTSSPSVTLVTLDRGKYTGPLYVSLVLEEQPLKLPVM WTITTLNATSALLQAQQQVSPGVYNVPVIVKDNQDGLCDTPESLTLTVCQCDD RSMCRAPIPSREPNTYGESSWRLGP
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	Dsg3
Expression Region	50-617aa
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	66.0 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 Mouse Dsg3 at 5 µg/ml can bind Anti-DSG3 recombinant antibody (CSB-RA007205A0HU), the EC₅₀ is 2.624-3.182 µg/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.