

Recombinant Mouse DSG3 Protein (50-617 aa), His-SUMO-tagged

Cat. No. DSG3-1795M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DSG3 Protein (50-617 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	50-617 aa
Description	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	79.2 kDa
AA Sequence	EWVKFAKPCREREDNSRRNPIAKITSDFQKNQKITYRISGVGIDQPPFGIFVDPNNG DINITAIVDREETPSFLITCRALNALGQDVERPLILTVKILDVNDNPPIFSQTIFKGEIEEN SASNSLVMILNATDADEPNHMNSKIAFKIVSQEPAGMSMFLISRNTGEVRTLTSSLDR EQISSYHLVSGADNDGTGLSTQCECSIKIKDVNDNFPVLRESQYSARIEENTLNAEL LRFQVTDWDEEYTDNLAVYFFTSNGNEGNWFEIETDPRTNEGILKVVKALDYEQVQ SMQFSIAVRNKAEFHQSVISQYRVQSTPVTIQVIDVREGISFRPPSKTFTVQRGVSTN KLVGYILGTYQATDEDTGKAASSVRYVLGRNDGGLLVIDSKTAQIKFVKNIDRDSTFIV

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NKTISAEVLAIDENTGKTSTGTIYVEVPSFNENCPSVVLEKKDICTSSPSVTLSVRTLD
RGKYTGPTYTVSLEEQLKLPVMWTITTLNATSALLQAQQQVSPGVYNVPVIVKDNQD
GLCDTPESLTLTVCQCDDRSMCRAPIPSREPNTYGESSWRLGP

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Dsg3 desmoglein 3 [*Mus musculus*]

Official Symbol DSG3

Synonyms DSG3; desmoglein 3; desmoglein-3; 130 kDa pemphigus vulgaris antigen homolog; bal; balding;

Gene ID 13512

mRNA Refseq NM_030596

Protein Refseq NP_085099

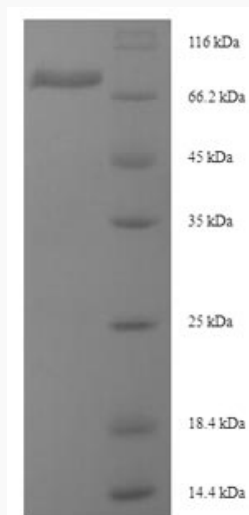
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UniProt ID

O35902



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

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