

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 | <p>EWVKFAKPCREREDNSRRNPIAKITSDFQKNQKITYRISGVGIDQPPFGIFVVDPNNG DINITAIVDREETPSFLITCRALNALGQDVERPLILTVKILDVNDNPPIFSQTIFKGEIEN SASNLSVMILNATDADEPNHMNSKIAFKIVSQEPAGMSMFLISRNTGEVRTLTSSLDR EQISSYHLVSGADNDGTGLSTQCECSIKIKVDNDNFPVLRESQYSARIEENTLNAEL LRFQVTDWDEEYTDNWLAVYFFTSGNEGNWFEIETDPRTNEGILKVVKALDYEQQV SMQFSIAVRNKAEFHQSVISQYRVQSTPVTIQVIDVREGISFRPPSKTFTVQRGVSTN KLVGYILGTYQATDEDTGKAASSVRYVLGRNDGGLLVIDSKTAQIKFVKNIDRDSTFIV</p> |

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NKTISAEVLAIDENTGKTSTGTIYVEVPSFNENCPSVVLEKKDICTSSPSVTL SVRTLDRGKYTG
 PYTVSLEEQLKLPVMWTITTLNATSALLQAQQQVSPGVYNVPVIVKDNQDGLCDTPESLTLTVCQCD
 DRSMCRAPISREPNTYGESSWRLGP

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](#)

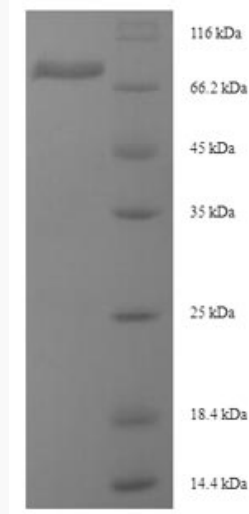
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UniProt ID

O35902



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

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