

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

Cat. No. DSG3-1838M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DSG3 Protein (50-617 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	Yeast
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	65.2 kDa
AA Sequence	<p>EWVKFAKPCREREDNSRRNPIAKITSDFQKNQKITYRISGVGIDQPPFGIFVVDPNNG DINITAIVDREETPSFLITCRALNALGQDVERPLILTVKILDVNDNPPIFSQTIFKGEIEN SASNSLVMILNATDADEPNHMNSKIAFKIVSQEPAGMSMFLISRNTGEVRTLTSSLDR EQISSYHLVSGADNDGTGLSTQCCECSIKIKDVNDNFPVLRESQYSARIEENTLNAEL LRFQVTDWDEEYTDNWLAVYFFTSGNEGNWFEIETDPRTNEGILKVVKALDYEQVQ SMQFSIAVRNKAEFHQSVISQYRVQSTPVTIQVIDVREGISFRPPSKTFTVQRGVSTN KLVGYILGTQATDEDTGKAASSVRYVLGRNDGGLLVDSKTAQIKFVKNIDRDSTFIV NKTISAEVLAIDENTGKTSTGTIYVEVPSFNENCPSVVLEKKDICTSSPSVTLVSVRTLD</p>

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RGKYTGOPYTVSLEEQLKLPVMWTITTLNATSALLQAQQQVSPGVYNVPVIVKDNQD
GLCDTPESLTLTVQCDDRSMCRAPISREPNTYGESSWRLGP

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; bal; balding;

Gene ID [13512](#)

mRNA Refseq [NM_030596](#)

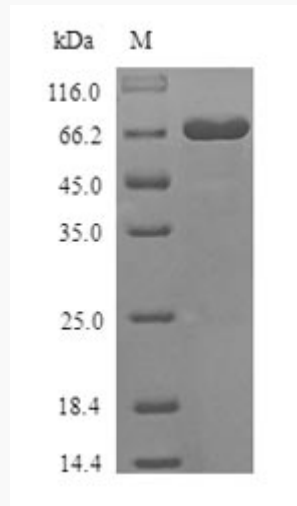
Protein Refseq [NP_085099](#)

UniProt ID [O35902](#)

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

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