

Recombinant Mouse Dsg2 protein, His-SUMO-tagged

Cat. No. Dsg2-2824M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dsg2 protein(O55111)(55-618aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	55-618aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	78.6 kDa
AA Sequence	AWITAPVALREGEDLSRKNPIAKIHSDLAEEKGIKITYKYTGKGITEPPFGIFVFDNRNTG ELNITSILDREETPYFLLTGYALDSRGNLEKPLELRIKVLNDINDNEPVFTQEVFVGSIE ELSAHTLVMKITATDADDPETLNAKVSYRIVSQEPANSHMFYLNKDTGEIYTTSTFTL DREEHSSYSLTVEARDGNGQITDKPVQQAQVQIRILDVNDNIPVVENKMYEGTVEEN QVNVEVMRIKVTDADDEVGSDNWLANFTFASGNEGYYFHIEDTQTNEGIVTLVKEVD YEEMKKLDLSIIVTNKAAFHKSILSKYKATPIPIVVKVKNVVEGIHFKSSVVSFRASEAM DRSSLRSRISGNFQVFEDEDTGQAAKVTVYVKVQDNDNWSVDSVTSEIKLVKIPDFESR YVQNGTYTAKVVAISKEHPQKTITGTIVITVEDVNDNCPVLVDSVRSVCEDEPYVNVN AEDLDGAQNSAPFSFSIIDQPPGTAQKWKITHQESTSVLLQQSERKGRSEIPFLISD

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SQGFSCPERQVLQLTVCECLKGGGCVAAQYDNYVGLGPA

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [Dsg2 desmoglein 2 \[Mus musculus \]](#)

Official Symbol [Dsg2](#)

Synonyms DSG2; desmoglein 2; desmoglein-2; AA408168; D18Erttd293e;

Gene ID [13511](#)

mRNA Refseq [NM_007883](#)

Protein Refseq [NP_031909](#)

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