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	AWITAPVALREGEDLSRKNPIAKIHSDLAEEKGIKITYKYTGKGITEPPFGIFVFDRNTG ELNITSILDREETPYFLLTGYALDSRGNNLEKPLELRIKVLDINDNEPVFTQEVFVGSIE ELSAAHTLVMKITATDADDPETLNAKVSYRIVSQEPANSHMFYLNKDTGEIYTTSFTL DREEHSSYSLTVEARDGNGQITDKPVQQAQVQIRILDVNDNIPVVENKMYEGTVEEN QVNVEVMRIKVTDADEVGSDNWLANFTFASGNEGGYFHIETDTQTNEGIVTLVKEVD YEEMKKLDLSIIVTNKAAFHKSILSKYKATPIPITVKVKNVVEGIHFKSSVVSFRASEAM DRSSLSRSIGNFQVFDEDTGQAAKVTYVKVQDTDNWVSVDSVTSEIKLVKIPDFESR YVQNGTYTAKVVAISKEHPQKTITGTIVITVEDVNDNCPVLVDSVRSVCEDEPYVNVT AEDLDGAQNSAPFSFSIIDQPPGTAQKWKITHQESTSVLLQQSERKRGRSEIPFLISD

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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; D18Ertd293e;
Gene ID	13511
mRNA Refseq	NM_007883
Protein Refseq	NP_031909

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