Recombinant Mouse Dsg2 protein, His-tagged

Cat. No. Dsg2-40M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dsg2 protein(O55111)(Ala55-Ala618) is expressed from HEK293 with His tag at the C-terminal.
Species	Mouse
Source	HEK293
ProteinLength	Ala55-Ala618
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 63.7 kDa. Due to glycosylation, the protein migrates to 75-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

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Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	Dsg2 desmoglein 2 [Mus musculus (house mouse)]
Official Symbol	Dsg2
Synonyms	DSG2; desmoglein 2; desmoglein-2; CDHF5; HDGC; cadherin family member 5; ARVC10; ARVD10; CMD1BB; MGC117034; MGC117036; MGC117037
Gene ID	13511
mRNA Refseq	NM_007883
Protein Refseq	NP_031909
UniProt ID	O55111

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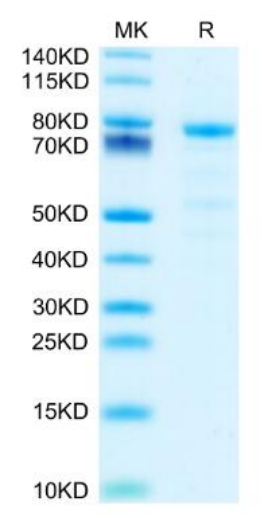
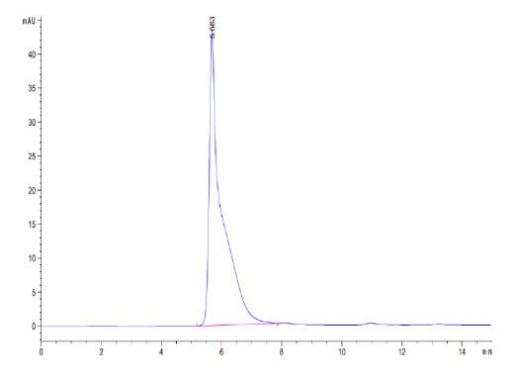
Tris-Bis PAGE	
SEC-HPLC	

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