

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. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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

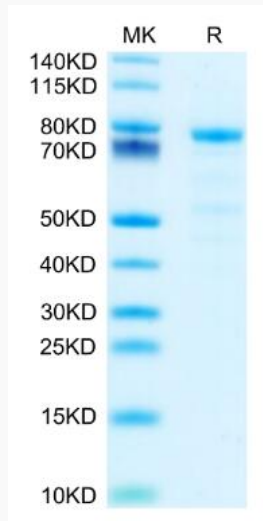
UniProt ID O55111

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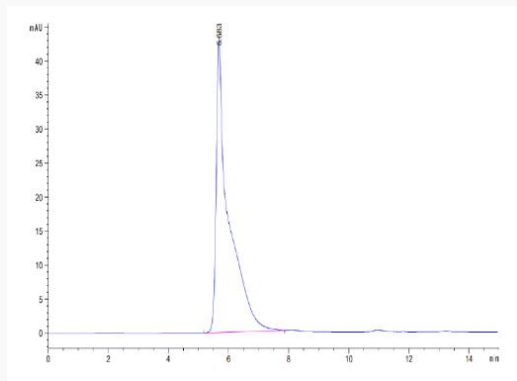
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Tris-Bis PAGE



SEC-HPLC



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