

## Recombinant Rat Dsc2, His tagged

Cat. No. Dsc2-8753R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Dsc2 (Q3T1K6) (Met1-Pro694), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-694 a.a.
<b>Predicted N Terminal</b>	Cys 29
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat DSC2 comprises 677 amino acids and predicts a molecular mass of 76.1 kDa. The apparent molecular mass of the recombinant protein is approximately 76 and 91 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(41 %+45) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Dsc2 desmocollin 2 \[ Rattus norvegicus \]](#)

**Official Symbol** Dsc2

**Gene ID** [291760](#)

**mRNA Refseq** [NM\\_001033688](#)

**Protein Refseq** [NP\\_001028860](#)

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