

Recombinant Rat Dsc2, His tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Dsc2 (Q3T1K6) (Met1-Pro694), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-694 a.a.
Predicted N Terminal	Cys 29
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(41 % + 45) % as determined by SDS-PAGE
Stability	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  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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