

Recombinant Rat Dsc3 Protein, His-tagged

Cat. No. Dsc3-1386R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dsc3 Protein (Lys477-Lys695) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys477-Lys695
Description	Predicted to enable calcium ion binding activity and gamma-catenin binding activity. Predicted to be involved in cell-cell adhesion and protein stabilization. Predicted to act upstream of or within in utero embryonic development. Predicted to be located in several cellular components, including cell junction; extracellular region; and plasma membrane. Predicted to be active in desmosome. Orthologous to human DSC3 (desmocollin 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Dsc3 desmocollin 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Dsc3
Synonyms	DSC3; desmocollin 3; desmocollin-3;
Gene ID	307563
mRNA Refseq	NM_001107402
Protein Refseq	NP_001100872
UniProt ID	D3ZZI6