

Recombinant Mouse Dsc3 Protein, His-tagged

Cat. No. Dsc3-1385M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dsc3 Protein (Arg136-Phe355) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg136-Phe355
Description	This gene encodes a member of the cadherin family of proteins that mediates adhesion in desmosomes. Together with desmogleins, the encoded protein forms the transmembrane core of desmosomes, a multiprotein complex involved in cell adhesion, organization of the cytoskeleton, cell sorting and cell signaling. Mice lacking the encoded protein exhibit a pre-implantation lethal phenotype. This gene is located in a cluster of desmosomal cadherin genes on chromosome 18. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.4 kDa Accurate Molecular Mass: 32 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 [Mus musculus (house mouse)]
Official Symbol	Dsc3
Synonyms	DSC3; desmocollin 3; desmocollin-3; 5430426I24Rik;
Gene ID	13507
mRNA Refseq	NM_007882
Protein Refseq	NP_031908
UniProt ID	P55850

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