

Recombinant Human DSC2 protein, His-tagged

Cat. No. DSC2-3856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSC2 protein(Met 1-Arg 684)(Q02487-1) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-684 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human DSC2 (pro form) consists of 668 amino acids and predicts a molecular mass of 75 kDa. As a result of glycosylation, the apparent molecular mass of rhDSC2 is approximately 85 and 100 kDa in SDS-PAGE under reducing conditions, corresponding to the mature and pro form respectively.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 75 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 of

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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

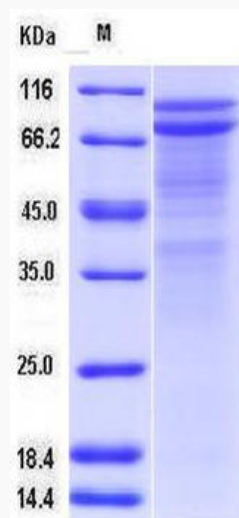
Gene Name	DSC2 desmocollin 2 [Homo sapiens]
Official Symbol	DSC2
Synonyms	DSC2; desmocollin 2; DSC3; desmocollin-2; CDHF2; cadherin family member 2; desmosomal glycoprotein II; desmosomal glycoprotein III; desmosomal glycoprotein II/III; DG2; ARVD11; DGII/III; DKFZp686I11137;
Gene ID	1824
mRNA Refseq	NM_004949
Protein Refseq	NP_004940
MIM	125645
UniProt ID	Q02487

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SDS-PAGE



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