

Desmocollin 1 (DSC1) Recombinant Protein | DSC1 recombinant protein

Recombinant Desmocollin 1 (DSC1)

CATALOG # AAA134485	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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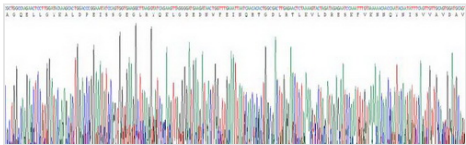
PRODUCT SYNONYMS

Desmocollin 1 (DSC1); Recombinant Desmocollin 1 (DSC1); DSC1 recombinant protein

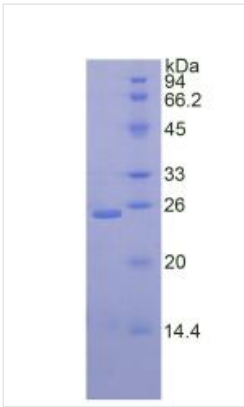
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence	AGQELLGYKA LDPEISSGEG LRYQKLGDED NWFEINQHTG DLRTLKVLDR ESKFVKNNQY NISVVAVDVAV GRSCTGTLVV HLDDYNDHAP QIDKEVTICQ NNEDFAVLKP VDPDGPENGP PFQFFLDNSA SKNWNIEEKD GKTAILRQRQ NLDYNYYSVP IQIKDRHGLV ATHMLTVRVC DCSTPSECRM KDKSTRDVRP N
Applicable Applications for DSC1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala486-Asn686
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.

IMAGES



Application Data



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826702
NCBI GeneID	1823
NCBI Accession #	NP_004939.1
NCBI GenBank Nucleotide #	NM_004948.3
UniProt Accession #	Q08554; Q9HB01
Molecular Weight	Predicted Molecular Mass: 24.0kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	desmocollin-1 isoform Dsc1b preproprotein
NCBI Official Synonym Full Names	desmocollin 1
NCBI Official Symbol	DSC1
NCBI Official Synonym Symbols	CDHF1; DG2/DG3
NCBI Protein Information	desmocollin-1; cadherin family member 1; desmosomal glycoprotein 2/3
UniProt Protein Name	Desmocollin-1
UniProt Gene Name	DSC1
UniProt Synonym Gene Names	CDHF1; DG2/DG3
UniProt Entry Name	DSC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.