

# Recombinant Human DSC3 Protein, His-tagged

**Cat. No.** DSC3-23H    **Lot. No.** (See product label)

## SPECIFICATION

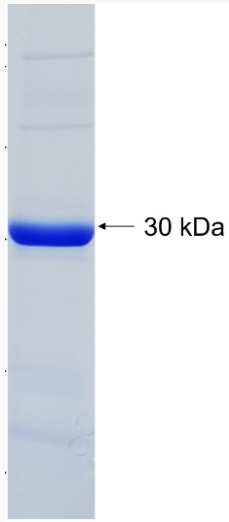
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DSC3 Protein(500-690 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 500-690 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>AA Sequence</b>      | NRNGNGLRYKKLHDPKGWITIDEISGSIITSKILDREVETPKNELYNITVLAIKDDDRSC<br>TGTLAVNIEDVNDNPPEILQEYVICKPKMGYTDILAVDPDEPVHGAPFYFSLPNTSP<br>EISRLWSLTKVNDTAARLSYQKNAGFQEYTIPITVKDRAGQAATKLLRVNLCECTHPT<br>QCRATSRSTGVILGK                                                                          |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |

## GENE INFORMATION

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|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | DSC3                                                                                                              |
| <b>Synonyms</b>        | DSC3; desmocollin 3; DSC4; desmocollin-3; CDHF3; DSC; DSC1; DSC2; desmocollin-4; cadherin family member 3; HT-CP; |
| <b>Gene ID</b>         | 1825                                                                                                              |
| <b>mRNA Refseq</b>     | NM_001941                                                                                                         |
| <b>Protein Refseq</b>  | NP_001932                                                                                                         |
| <b>MIM</b>             | 600271                                                                                                            |
| <b>UniProt ID</b>      | Q14574                                                                                                            |
| <b>SDS-PAGE</b>        |                               |