

## Recombinant Human DSC1 protein, GST-tagged

**Cat. No.** DSC1-3706H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human DSC1 protein(607-689 aa), fused to GST tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 607-689 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | MFQFFLDNSASKNWNIEEKDGKTAILRQRQNLDYNYYSVPIQIKDRHGLVATHMLTV<br>RVCDCSTPSECRMKDKSTRDVRPNVIL  |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.  |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.  |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term  |

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storage.

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | DSC1 desmocollin 1 [ Homo sapiens ]  |
| <b>Official Symbol</b> | DSC1   |
| <b>Synonyms</b>        | DSC1; desmocollin 1; desmocollin-1; CDHF1; cadherin family member 1; desmosomal glycoprotein 2/3; DG2/DG3; |
| <b>Gene ID</b>         | 1823   |
| <b>mRNA Refseq</b>     | NM_004948  |
| <b>Protein Refseq</b>  | NP_004939  |
| <b>MIM</b>             | 125643   |
| <b>UniProt ID</b>      | Q08554   |

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