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## Product Datasheet

### Human DSG3 Protein BYT-ORB1476705

|                            |                                                                                                                                                                                                                                                                                                                            |
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| Article Name               | Human DSG3 Protein                                                                                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | BYT-ORB1476705                                                                                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | orb1476705                                                                                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BYT-ORB1476705-1,BYT-ORB1476705-100,BYT-ORB1476705-20                                                                                                                                                                                                                                                                      |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                                                                                           |
| Product Description        | This Human DSG3 Protein spans the amino acid sequence from region 50-615aa. Purity: Greater than 95% as determined by SDS-PAGE....                                                                                                                                                                                         |
| Molecular Weight           | 63.8 kDa                                                                                                                                                                                                                                                                                                                   |
| UniProt                    | <a href="#">P32926</a>                                                                                                                                                                                                                                                                                                     |
| Buffer                     | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                        |
| Source                     | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                       |
| Purity                     | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                |
| Form                       | Lyophilized powder                                                                                                                                                                                                                                                                                                         |
| Sequence                   | EWVKFAKPCREGEDNSKRNP<br>IAKITS DYQATQKITYRISGV<br>GIDQPPFGIFVVDKNTGD<br>INITAIVDREETPSFLITCR<br>ALNAQGLDVEKPLILTVKIL<br>DINDNPPVFSQ QIFMGEI<br>EENSASNSLVMILNATDA<br>DEPNHLNSKIAFKIVSQEP<br>AGTPMFLLSR NTGEVRT<br>LTNSLDREQASSYRLVVS<br>GADKDGEG LSTQCECN<br>IKVKDVNDNFP MFRDS<br>QYSARIEENILSSELLRF<br>QVTDLD E EYTDNWLAV |

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| Application Notes | Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human DSG3 at 2 µg/mL can bind Anti-DSG3 recombinant antibody, the EC50 is 4.552-5.720 ng/mL. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference |
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