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## Product Datasheet

### Human GDF6 protein BYT-ORB705306

|                            |                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human GDF6 protein                                                                                                                          |
| Biozol Catalog Number      | BYT-ORB705306                                                                                                                               |
| Supplier Catalog Number    | orb705306                                                                                                                                   |
| Alternative Catalog Number | BYT-ORB705306-10,BYT-ORB705306-100,BYT-ORB705306-500                                                                                        |
| Manufacturer               | Biorbyt                                                                                                                                     |
| Category                   | Proteine/Peptide                                                                                                                            |
| Product Description        | This Human GDF6 protein spans the amino acid sequence from region 336-455aa. Purity: > 95 % as determined by SDS-PAGE and HPLC analyses.... |
| Molecular Weight           | 13.6 kDa                                                                                                                                    |
| UniProt                    | <a href="#">Q6KF10</a>                                                                                                                      |
| Buffer                     | Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.                                                |
| Source                     | Homo sapiens (Human)                                                                                                                        |
| Purity                     | > 95 % as determined by SDS-PAGE and HPLC analyses.                                                                                         |
| Form                       | Lyophilized powder                                                                                                                          |
| Sequence                   | TAFASRHGKRHGGKSRRLRCSKPLHVNFKELGWDDWIIAPLEYEAYHCEGVC<br>DFPLRSHLEPTNHAIIQTLMNNSMDPGSTPPSCCVPTKLTPI SILYIDAGNNVVYK<br>QYEDMVVESCGR           |

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 2.0 µg/ml, corresponding to a specific activity of > 500 IU/mg. 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