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## Product Datasheet

### Recombinant Human Trophoblast glycoprotein (TPBG), partial BYT-ORB1785314

|                            |                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human Trophoblast glycoprotein (TPBG), partial                                                                                                                                                                         |
| Biozol Catalog Number      | BYT-ORB1785314                                                                                                                                                                                                                     |
| Supplier Catalog Number    | orb1785314                                                                                                                                                                                                                         |
| Alternative Catalog Number | BYT-ORB1785314-1,BYT-ORB1785314-100,BYT-ORB1785314-20                                                                                                                                                                              |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                            |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                   |
| Product Description        | This Recombinant Human Trophoblast glycoprotein (TPBG) spans the amino acid sequence from region 32-355aa. Purity: Greater than 90% as determined by SDS-PAGE....                                                                  |
| Molecular Weight           | 37.5 kDa                                                                                                                                                                                                                           |
| UniProt                    | <a href="#">Q13641</a>                                                                                                                                                                                                             |
| Buffer                     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Source                     | Homo sapiens (Human)                                                                                                                                                                                                               |
| Purity                     | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| Form                       | Liquid or Lyophilized powder                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | SSPTSSASSFSSSAPFLASAVSAQPPLPDQCPALCECSEAARTVKCVNRNLTEV<br>PTDLPAYVRNLFLTGNQLAVLPAGAFARRPPLAELAALNLSGSRLDEV<br>RAGAF EHLPSLRQLDLSHNPLADLSPFAFSGSNASVSAPSPLVELILNHIVPPEDERQN<br>RSFEGMVVAALLAGRALQGLRRLELASNHFLYLPRDVLAQLPSLRHLDLSNNS<br>LVSLTYVSFRNLTHLESLHLEDNALKVLHNGTLAELQGLPH                                                                                                                                                                                       |
| Application Notes | Biological Origin: Homo sapiens (Human). 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 |