

## Chorionic Gonadotropin Beta Human Recombinant

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| <b>Item Number</b>                       | rAP-2535  |
| <b>Synonyms</b>                          | CGB3, CGB5, CGB7, CGB8, hCGB, Choriogonadotropin subunit beta, CG-beta, Chorionic gonadotrophin chain beta, CGB.  |
| <b>Description</b>                       | CGB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (21-165 a.a.) and having a molecular mass of 17.9kDa. CGB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| <b>Uniprot Accesion Number</b>           | P01233  |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSSLVPRGSH MGSSKEPLRP RCRPINATLA VEKEGCPVCI TVNTTICAGY<br>CPTMTRVLQG VLPALPQVVC NYRDVRFESI RLPGCPRGVN PVVSYAVALS CQCALCRRST TDCGG-<br>PKDHP LTCDDPRFQD SSSSKAPPPS LPSPSRLPGP SDTPILPQ.   |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.             |
| <b>Formulation and Purity</b>            | CGB protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.   |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**