

Chorionic Gonadotropin Beta Recombinant Protein | beta-HCG recombinant protein

Recombinant Human Chorionic Gonadotropin Beta (beta-HCG)

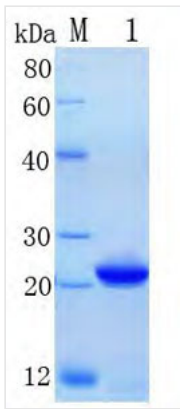
CATALOG # AAA55766	HOST E. coli AA 1-165 (P0DN86).	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Chorionic Gonadotropin Beta; Recombinant Human Chorionic Gonadotropin Beta (beta-HCG); CG-B; CGB3; hCGB; HCG; CGb; CGb5; CGb7; CGb8; Choriogonadotropin subunit beta; beta-HCG recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 1-165 (P0DN86).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	Powder 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4 added with 5 % trehalose and 5 % mannitol are added as protectants before lyophilization
Concentration	1 mg/mL (varies by lot)
Sequence	MEMFQGLLLL LLLSMGGTWA SKEPLRPRCR PINATLAVEK EGCPVCITVN TTICAGYCPT MTRVLQGVLP ALPQVVCNYR DVRFESIRLP GCPRGVNPVV SYAVALSCQC ALCRRSTTDC GGPKDHLPLTC DDPRFQDSSS SKAPPPSLPS PSRLPGPSDT PILPQ
Applicable Applications for beta-HCG recombinant protein	ELISA, WB (Western Blot)
Source	Human
Protein Residue	with His-tag.
Protein Residues	with N-terminal 6-His.
Predicted MW	22 kDa
Observed MW	22 kDa
Usage	beta-HCG Protein-Centrifuge the standard vial at 6000-10000 rpm for 30s. Reconstitute at 0.25mg/mL in 200 uL sterile water for short-term storage. Reconstitution with 200 uL 50% glycerol solution is recommended for long term storage. Swirl or mix gently to insure complete and homogeneous solubilization.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles. ** The recombinant protein is stable for up to 6 months from date of receipt at -80°C.



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for beta-HCG recombinant protein

By restriction digest analysis, Talmadge et al. (1983) determined that the 7 CGB genes are extremely similar but not identical. Otani et al. (1988) found that CGB3 and CBG8 were expressed at 2-fold lower levels than CGB5 following transfection into a mouse adrenocortical cell line. Bo and Boime (1992) determined that most of the sequence variation among the CGB genes occurs in the nontranslated region of exon 1. They further found that CGB3 was expressed at about the same levels as CGB8 in first trimester placenta and in a choriocarcinoma cell line, and both were expressed at a lower level than CGB5. Jameson and Lindell (1988) determined that each of the CGB genes contains 3 exons. Otani et al. (1988) determined that the promoter regions contain no CAAT or TATAA boxes.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/chorionic-gonadotropin-beta-recombinant-protein-e-coli-elisa-wb-western-blot/55766>