

Chorionic Gonadotropin Active Protein | hCG active protein

Human Chorionic Gonadotropin

CATALOG # AAA10824	HOST Urine of pregnant women
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PRODUCT SYNONYMS

Chorionic Gonadotropin; Human Chorionic Gonadotropin; hCG; Chorionic Gonadotropin Human; Chorionic gonadotropin; CG; hCG active protein

PRODUCT SPECIFICATIONS

Host	Urine of pregnant women
Form/Format	The hCG was lyophilized with no additives.
Sequence Length	165
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Human Chorionic Gonadotropin in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity was found to be 5188IU/mg.
Contaminants	Free of: HbsAg and antibodies to HIV and HCV.
Preparation and Storage	Lyophilized hCG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CG-beta should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for hCG active protein	Description: Human Chorionic Gonadotropin is produced from a sterile preparation of placental glucoprotein urine of pregnant women having a total molecular mass of 36,700 Dalton. The hCG consists of 237 amino acids, a chain-92 amino acids and b chain-145 amino acids. The hCG is purified by proprietary chromatographic techniques
Product Categories/Family for hCG active protein	Hormones ; Hormones ; HCG

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502789
NCBI GeneID	1082
NCBI Accession #	NP_000728.1
NCBI GenBank Nucleotide #	NM_000737.3
NCBI Official Full Name	choriogonadotropin subunit beta
NCBI Official Synonym Full Names	chorionic gonadotropin, beta polypeptide
NCBI Official Symbol	CGB
NCBI Official Synonym Symbols	CGB3; CGB5; CGB7; CGB8; hCGB

NCBI Protein Information	choriogonadotropin subunit beta; CG-beta; chorionic gonadotrophin chain beta; chorionic gonadotropin beta 3 subunit; chorionic gonadotropin beta chain; chorionic gonadotropin beta subunit
UniProt Protein Name	Choriogonadotropin subunit beta
UniProt Gene Name	CGB
UniProt Synonym Gene Names	CGB3; CG-beta
UniProt Entry Name	CGHB_HUMAN

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://stage.aaabiotech.com/urine-of-pregnant-women-hcg-active-protein/chorionic-gonadotropin/10824>