

Native Human Chorionic Gonadotropin

Cat. No. CGA-8163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Chorionic Gonadotropin was purified from Human pregnancy urine.
Species	Human
Source	Human Pregnancy Urine
Description	Human chorionic gonadotropin (hCG) is a peptide hormone produced in pregnancy, that is made by the embryo soon after conception and later by the trophoblast (part of the placenta). Human chorionic gonadotropin (hCG) role is to prevent the disintegration of the corpus luteum of the ovary and thereby maintain progesterone production that is critical for a pregnancy in humans.
Form	Lyophilized
Purity	>98% by SDS-PAGE
Stability	1 year
Storage	2-8 °C

GENE INFORMATION

Gene Name	CGA glycoprotein hormones, alpha polypeptide [Homo sapiens]
Official Symbol	CGA

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Synonyms	CGA; glycoprotein hormones, alpha polypeptide; glycoprotein hormones alpha chain; chorionic gonadotropin; alpha polypeptide; follicle stimulating hormone alpha subunit; FSHA; GPHA; GPHA1; HCG; LHA; luteinizing hormone alpha chain; lutropin alpha chain; th
Gene ID	1081
mRNA Refseq	NM_000735
Protein Refseq	NP_000726
MIM	118850
UniProt ID	P01215
Chromosome Location	6q14-q21
Pathway	Amine-derived hormones, organism-specific biosystem; Androgen biosynthesis, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem;
Function	hormone activity; protein binding;