

Native Human CGA

Cat. No. CGA-8356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human CGA was purified from Urine.
Species	Human
Source	Urine
Description	alpha hCG subunit is a native alpha. The alpha subunit is identical to that of follicle stimulating hormone (FSH) and luteinizing hormone (LH). Levels of hCG are significantly increased during pregnancy and regularly monitored in blood. Assay are often used for the diagnosis and monitoring of tumors of the testis and of the ovary.
Form	Llyophilised from 30mM ammonium bicarbonate. May contain traces of buffer salts.
Purity	Nominally >96% of total protein is ahCG

GENE INFORMATION

Gene Name	CGA glycoprotein hormones, alpha polypeptide [Homo sapiens]
Official Symbol	CGA
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; thyroid stimulating hormone alpha chain; TSHA; FSH-alpha; LSH-alpha; TSH-

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alpha; follitropin alpha chain; thyrotropin alpha chain; choriogonadotropin alpha chain; chorionic gonadotrophin subunit alpha; thyroid-stimulating hormone alpha chain; follicle-stimulating hormone alpha chain; chorionic gonadotropin, alpha polypeptide; follicle-stimulating hormone alpha subunit; anterior pituitary glycoprotein hormones common subunit alpha; CG-ALPHA;

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;

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