

## Recombinant Human CGA

Catalog No: CM26

<b>Description</b>	Recombinant Human Glycoprotein hormones alpha chain is produced by our Mammalian expression system and the target gene encoding Ala25-Ser116 is expressed with a 6His tag at the C-terminus.
<b>Source</b>	Human Cells
<b>Alternative name</b>	Anterior pituitary glycoprotein hormones common subunit alpha;Choriogonadotropin alpha chain;Chorionic gonadotrophin subunit alpha;CG-alpha;Follicle-stimulating hormone alpha chain;FSH-alpha;Follitropin alpha chain;Luteinizing hormone alpha chain;LSH-alpha;Thyroid- stimulating hormone alpha chain;TSH-alpha
<b>Accession No.</b>	P01215
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Background</b>	Glycoprotein hormones alpha chain, also known as CGA, belongs to the glycoprotein hormones subunit alpha family. The subunit of CGA is a heterodimer consists of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin. It has positive regulation of cell migration, cell proliferation and transcription from RNA polymerase II promoter and participates in the peptide hormone processing and signal transduction.

### SDS-Page

