

## CGA, CGB3

### Native Human Chorionic Gonadotropin

<b>Catalog No.</b>	CSI19667B	<b>Quantity:</b>	1 mg
<b>Alternate Names:</b>	hCG		
<b>Description:</b>	Human Chorionic Gonadotropin (hCG) is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. hCG is one of the four human glycoprotein hormones: chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH). They are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical (CGA), however, their beta chains are unique and confer biological specificity. There are 6 potential beta chains, including CGB3.		
<b>Gene ID:</b>	1081, 1082		
<b>UniProt ID:</b>	P01215, P0DN83		
<b>Source:</b>	Human pregnancy urine		
<b>Molecular Weight:</b>	36.7 kDa		
<b>Formulation:</b>	Lyophilized from ammonium bicarbonate.		
<b>Purity:</b>	≥ 96% by SDS-PAGE		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile PBS into provided container to reconstitute.		
<b>Storage &amp; Stability:</b>	Store lyophilized product at -20°C for at least 1 year.		
<b>Infectious Disease Statement:</b>	Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV and HBsAg by FDA approved methods.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

