

**Recombinant Human CGA / HCG Protein**

**Cat.NO.: TP07716**

3th Edition

**Synonyms:**CG-ALPHA;FSH alpha;FSHA;GPHa;GPHA1;HCG;LHA;TSHA

**Description:**The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene.

**Form:**PBS

**Molecular Weight:**10.2 kDa

**Sequences:**Met 1-Ser116

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.