

## Recombinant human CG-Alpha protein, C-mFc (HEK293)

Catalog Number: bs-43076P

Concentration: >0.5 mg/ml

AA Seq: 25-116/116

Predicted MW: 37.5

Detected MW: 48 kDa

Tags: C-mFc

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** 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. [provided by RefSeq, Nov 2011]

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.