

## Product datasheet for **TP727420**

### hCG (CGA) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant Human CG-alpha/FSH-alpha/LSH-alpha/TSH-alpha(C-6His)  |
| Species:                              | Human   |
| Expression cDNA Clone or AA Sequence: | Ala25-Ser116  |
| Tag:                                  | C-His   |
| Buffer:                               | Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.   |
| Note:                                 | 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.  |
| Stability:                            | 12 months from date of despatch   |
| Locus ID:                             | 1081  |
| UniProt ID:                           | <a href="#">P01215</a>  |
| Summary:                              | 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. |



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