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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:	<u>P01215</u>
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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