

Recombinant Human CGB3 Protein (Pro31-Gln165), N-His tagged

Cat. No. CGB3-1025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGB3 (Pro31-Gln165) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro31-Gln165
Description	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG 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. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.
Form	Lyophilized powder/frozen liquid
Molecular Mass	16.62 kDa
Purity	>90% as determined by SDS-PAGE.

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CGB3 chorionic gonadotropin subunit beta 3 [Homo sapiens (human)]
Official Symbol	CGB3
Synonyms	CGB3; chorionic gonadotropin subunit beta 3; CGB; LHB; CGB5; CGB7; CGB8; hCGB; choriogonadotropin subunit beta 3; CG-beta; chorionic gonadotrophin chain beta; chorionic gonadotropin beta 3 subunit; chorionic gonadotropin beta chain; chorionic gonadotropin beta subunit 3; chorionic gonadotropin chain beta; chorionic gonadotropin, beta polypeptide; luteinizing hormone beta subunit
Gene ID	1082
mRNA Refseq	NM_000737
Protein Refseq	NP_000728
MIM	118860

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UniProt ID

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