

Recombinant Human CGB5, Fc-tagged

Cat. No. CGB5-257H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human CGB5 (NP_000728.1) (Met1-Gln165) was expressed with the Fc region of mouse IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Met1-Gln165
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human CGB5/mFc comprises 379 amino acids and has a predicted molecular mass of 41.9 kDa. The apparent molecular mass of the monomer is approximately 56 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	CGB5 chorionic gonadotropin, beta polypeptide 5 [Homo sapiens]
Official Symbol	CGB5
Synonyms	CGB5; chorionic gonadotropin, beta polypeptide 5; HCG; chorionic gonadotropin beta 5 subunit; MGC119822;
Gene ID	93659
mRNA Refseq	NM_033043
Protein Refseq	NP_149032
MIM	608825
UniProt ID	P01233
Chromosome Location	19q13.32
Pathway	Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem;

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