

Active Recombinant Human GGCT

Cat. No. GGCT-1030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GGCT (Accession # O75223) Met1-Leu188, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu188
Predicted N Terminal	Ala2
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to release L-alanine from gamma -glutamyl-L-alanine, with the detection of alanine by alanine dehydrogenase.The specific activity is >40,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human GGCT has a calculated MW of 21 kDa. In SDS-PAGE migrates as 20-22 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µ per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

GGCT gamma-glutamylcyclotransferase [Homo sapiens]

Official Symbol

GGCT

Synonyms

GGCT; gamma-glutamylcyclotransferase; C7orf24, chromosome 7 open reading frame 24 , GCTG; CRF21; Ggc; MGC3077; cytochrome c-releasing factor 21; gamma-glutamyl cyclotransferase; GGC; GCTG; C7orf24; FLJ111717;

Gene ID

79017

mRNA Refseq

NM_001199815

Protein Refseq

NP_001186744

MIM

137170

UniProt ID

O75223

**Chromosome
Location**

7p15-p14

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