

Datasheet for ABIN1096437  
**GGCT Protein (AA 1-188) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	GGCT
Protein Characteristics:	AA 1-188
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGCT protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human $\gamma$ -Glutamylcyclotransferase/GGCT (N-6His)
Sequence:	MGSSHHHHHH SSSLVPRGSH MANS GCKDVT GPDEESFLYF AYGSNLLTER IHLRNPSAAF FCVARLQDFK LDFGNSQGKT SQTWHGGIAT IFQSPGDEVW GVVWKMNKS N LNSLDEQEGV KSGMYVWIEV KVATQEGKEI TCRSYLMTNY ESAPPSPQYK KIICMGAKEN GLPLEYQEKL KAIEPNDYTG KVSEEIEDII KKGETQTL
Characteristics:	Recombinant Human gamma-Glutamylcyclotransferase/GGCT is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Leu188) of Human GGCT fused with a His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

---

Target:	GGCT
Alternative Name:	CRF21 ( <a href="#">GGCT Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Human Ypsilon-Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. Gamma-Glutamylcyclotransferase catalyzes the formation of 5-Pxoproline from Gamma-Glutamyl Dipeptides. It plays an important role in Glutathione Homeostasis. Gamma-Glutamylcyclotransferase induces the release of Cytochrome C from the mitochondria resulting in the induction of apoptosis.</p> <p>Alternative Names: Gamma-Glutamylcyclotransferase, Cytochrome C-Releasing Factor 21, GGCT, C7orf24, CRF21</p>
Molecular Weight:	23.17kDa
UniProt:	<a href="#">075223</a>

## Application Details

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at &lt; -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months