

## 32-2357: GGCT Recombinant Protein

**Alternative Name :** Gamma-Glutamylcyclotransferase,CRF21,C7orf24,MGC3077,Cytochrome c-releasing factor 21,GCTG,Ggc,Chromosome 7 open reading frame 24,FLJ11717,EC 2.3.2.4.

### Description

Source : Escherichia Coli. GGCT produced in E.Coli is a single, non-glycosylated polypeptide chain containing 208 amino acids (1-188a.a.) and having a molecular mass of 23.2kDa.GGCT is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GGCT is a member of the family of transferases, specifically the aminoacyltransferases. GGCT protein catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and takes an important part in glutathione homeostasis. GGCT induces release of cytochrome c from mitochondria with resultant induction of apoptosis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The GGCT protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSHMANS GCKDVT GPDEESFLYF AYGSNLLTER IHLRNPSAAF FCVARLQDFK LDFGNSQGKT SQTWHGGIAT IFQSPGDEVW GVWVKMNKSN LNSLDEQEGV KSGMYVVIEV K VATQEGKEI TCRSYLMTNY ESAPPSPQYK KIICMGAKEN GLPLEYQEKL KAIEPN DYTG KVSE EIEDII KKGETQTL