

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 SSGLVPRGSHMANSGCKDVT GPDEESFLYF AYGSNLLTER IHLRNPSAAF
 FCVARLQDFK LDFGNSQGKT SQTWHGGIAT IFQSPGDEVW GVVWKMNKS NLSLDEQEGV
 KSGMYVVIEV KVATQEGKEI TCRSYLMTNY ESAPPSPQYK KIICMGAKEN GLPLEYQEKL
 KAIEPNDYTG KVSEEIEDII KKGETQTL

