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Datasheet for ABIN7319225 GGCT Protein (His tag)

Overview

Quantity:	50 µg
Target:	GGCT
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 GGCT Protein (His Tag)
Sequence:	Met 1-Leu188
Characteristics:	Recombinant Human gamma-Glutamylcyclotransferase is produced by our E.coli expression system and the target gene encoding Met1-Leu188 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GGCT
Alternative Name:	GGCT (GGCT Products)
Background:	Background: Human Y-Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. Gamma-Glutamylcyclotransferase catalyzes the

Target Details

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.

Synonym: Gamma-Glutamylcyclotransferase, Cytochrome C-Releasing Factor 21, GGCT, C7orf24, CRF21

Molecular Weight: 23.2 kDa

UniProt: [O75223](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.