



Recombinant Protein Technical Manual

Recombinant Human GGCT Protein (His Tag)

RPES3676

Product Data:

Product SKU: RPES3676

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O75223

Protein Information:

Molecular Mass: 23.2 kDa

AP Molecular Mass: 23 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

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

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

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

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Gamma-Glutamylcyclotransferase; Cytochrome C-Releasing Factor 21; GGCT; C7orf24; CRF21

Immunogen Information:

Sequence: Met 1-Leu188

Background:

Human γ -Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. γ -Glutamylcyclotransferase catalyzes the formation of 5-Pxoproline from γ -Glutamyl Dipeptides. It plays an important role in Glutathione Homeostasis. γ -Glutamylcyclotransferase induces the release of Cytochrome C from the mitochondria resulting in the induction of apoptosis.