

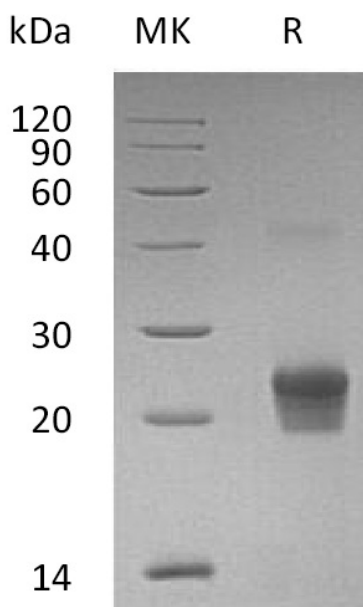
Product Name: Recombinant Human GGCT (N-6His)
Catalog #: PEH1436



Summary

Name	r-Glutamylcyclotransferase/Ggct
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	O75223
Host	E.coli
Species	Human
Predicted Molecular Mass	23.17 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

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

Background

Human γ -Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. Gamma-Glutamylcyclotransferase catalyzes the formation of 5-Pxoprolin 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.

Note

For Research Use Only , Not for Diagnostic Use.