

Recombinant Human GGCT Protein (His Tag)

Catalog No. PKSH033273

Note: Centrifuge before opening to ensure complete recovery of vial contents.

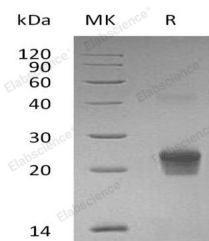
Description

Synonyms	Gamma-Glutamylcyclotransferase;Cytochrome C-Releasing Factor 21;GGCT;C7orf24;CRF21
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu188
Accession	O75223
Calculated Molecular Weight	23.2 kDa
Observed molecular weight	24-30 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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 Tris-HCl, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Human γ -Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. Gamma-Glutamylcyclotransferase catalyzes the 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.

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