

32-7192: Recombinant Human gamma-Glutamylcyclotransferase/GGCT (N-6His)

Gene : GGCT
Gene ID : 79017
Uniprot ID : O75223

Description

Source: E.coli.
MW :23.17kD.

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. Human gamma-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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMANS GCKDVTGPDEESFLYFAYGSNLLTERIHLRNP SAAFFCVARLQDFKLD F
GNSQGKTSQTWHGGIATIFQSPGDEVWGVVWKMNSNLNSLDEQEGVKSGMYVIEVKVATQEGKEITCRSY
LMTNYESAPPSPQYKKIICMGAKENGLPLEYQEKLKAIEPNDYTGKVSEEIEDIIKKGETQTL

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.