

Recombinant Human GGCT Protein, GST-tagged

Cat. No. GGCT-4869H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GGCT full-length ORF (NP_076956.1, 1 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	GGCT (EC 2.3.2.4) catalyzes the formation of 5-oxoproline (pyroglutamic acid) from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis (Oakley et al., 2008 [PubMed 18515354]).[supplied by OMIM]
Molecular Mass	47.4 kDa
AA Sequence	MANSGCKDVTGPDEESFLYFAYGSNLLTERIHLRNPSAAFFCVARLQDFKLDFGNS QGKTSQTHWGGIATIFQSPGDEVWGVVWKMNKSNLNSLDEQEGVKSGMYVVEVK VATQEGKEITCRSYLMTNYESAPPSQYKKIICMGAKENGLPLEYQEKLKAIEPNDYT GKVSEEIEDIIKKGETQTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GGCT gamma-glutamylcyclotransferase [Homo sapiens]

Official Symbol GGCT

Synonyms GGCT; gamma-glutamylcyclotransferase; C7orf24, chromosome 7 open reading frame 24, GCTG; CRF21; Ggc; MGC3077; cytochrome c-releasing factor 21; gamma -glutamyl cyclotransferase; GGC; GCTG; C7orf24; FLJ11717;

Gene ID 79017

mRNA Refseq NM_001199815

Protein Refseq NP_001186744

MIM 137170

UniProt ID O75223

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