

Recombinant Full Length Human GGCT Protein, GST-tagged

Cat. No. GGCT-5455HF **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	In Vitro Cell Free System
ProteinLength	188 amino acids
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	MANS GCKDVTGPDEESFLYFAYGSNLLTERIHLRNPSAAFFCVARLQDFKLDFGNS QGKTSQTW HGGIATIFQSPGDEVWGVVWKMNKSNLNSLDEQEGVKSGMYVVEVK VATQEGKEITCRSYLMTNYESAPPSPQYKKIICMGAKENGLPLEYQEKLKAIEPNDYT GKVSEEIEDI I K KGETQTL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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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