

Product datasheet for **TP720189M**

GGCT (NM_024051) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human gamma-glutamyl cyclotransferase (GGCT) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Leu188 |
| Tag: | N-His |
| Predicted MW: | 23.2 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_076956 |
| Locus ID: | 79017 |
| UniProt ID: | O75223 , A0A090N7V5 |
| Cytogenetics: | 7p14.3 |
| Synonyms: | C7orf24; CRF21; GCTG; GGC |
| Summary: | The protein encoded by this gene catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides, the penultimate step in glutathione catabolism, and may play a critical role in glutathione homeostasis. The encoded protein may also play a role in cell proliferation, and the expression of this gene is a potential marker for cancer. Pseudogenes of this gene are located on the long arm of chromosome 5 and the short arm of chromosomes 2 and 20. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010] |



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Protein Pathways: Glutathione metabolism

Product images:

