

Product datasheet for **TP501038**

Ggact (NM_145466) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse gamma-glutamylamine cyclotransferase (Ggact), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR201038 protein sequence
Red=Cloning site **Green**=Tags(s)

MAHIFVYGTLKRGQPNIHKVMLDHSGLAAFRGRGCTVESFPLVIAGEHNIPWLLYLPGKGHCVTGEIYEV
DEQMLRFLDDFEDCPSMYQRTALQVQVLEWEGDGDGDSVQCFVYTTATYAPEWLFLPYHESYDSEGPLHG
LRYNPRENR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 17.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_663441](#)

Locus ID: 223267

UniProt ID: [Q923B0](#)

RefSeq Size: 1079

Cytogenetics: 14 E5



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RefSeq ORF: 450

Synonyms: A2ld1

Summary: Contributes to degradation of proteins cross-linked by transglutaminases by degrading the cross-link between a lysine and a glutamic acid residue. Catalyzes the formation of 5-oxo-L-proline from L-gamma-glutamyl-L-epsilon-lysine. Inactive with L-gamma-glutamyl-alpha-amino acid substrates such as L-gamma-glutamyl-L-alpha-cysteine and L-gamma-glutamyl-L-alpha-alanine.[UniProtKB/Swiss-Prot Function]