

Recombinant Mouse Ggact Protein, Myc/DDK-tagged

Cat. No. Ggact-3200M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gamma-glutamylamine cyclotransferase (Ggact), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	17.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ggact gamma-glutamylamine cyclotransferase [Mus musculus (house mouse)]

Official Symbol Ggact

Synonyms Ggact; gamma-glutamylamine cyclotransferase; A2l; A2ld1; gamma-glutamylaminecyclotransferase; AIG2-like domain 1; AIG2-like domain-containing protein 1; EC 4.3.2.8

Gene ID 223267

mRNA Refseq NM_145466

Protein Refseq NP_663441

UniProt ID Q923B0

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