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# 32-7206: Recombinant Human gamma-Glutamylaminecyclotransferase/GGACT (N-6His)(Discontinued)

**Gene :** GGACT
**Gene ID :** 87769
**Uniprot ID :** Q9BVM4

## Description

Source: E.coli.
MW :19.5kD.
Recombinant Human gamma-Glutamylaminecyclotransferase is produced by our E.coli expression system and the target gene encoding Met1-Arg153 is expressed with a 6His tag at the N-terminus. Gamma-Glutamylaminecyclotransferase is an enzyme that converts gamma-glutamylamines to free amines and 5-oxoproline which belongs to the gamma-glutamylcyclotransferase family. It shows high activity toward gamma-glutamyl-epsilon-lysine, derived from the breakdown of fibrin and contributes to degradation of proteins cross-linked by transglutaminases. It degrades the cross-link between a lysine and a glutamic acid residue from two proteins that have been cross-linked by transglutaminases. This protein adopts the newly identified cyclotransferase fold, observed in Gamma-Glutamylcyclotransferase, an enzyme with activity toward gamma-glutamyl-alpha-amino acids.

## Product Info

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| **Amount :** | 10 µg / 50 µg |
| **Content :** | Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 10% Glycerol, pH 8.0. |
| **Storage condition :** | Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. |
| **Amino Acid :** | MGSSHHHHHHSSGLVPRGSHMALVFVYGTLKRGQPNHRVLRDGAHGSAAFRARGRTLEPYPLVIAGEHNIPW LLHLPGSGRLVEGEVYAVDERMLRFLDDFESCPALYQRTVLRVQLLEDRAPGAEEPPAPTAVQCFVYSRATFPP EWAQLPHHDSYDSEGPHGLRYNPRENR |

## Application Note

**Endotoxin :** Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***