

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

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 : MGSSHHHHHHSSGLVPRGSHMALVFVYGT LKRGQPNHRVLRDGAHGSAAFRARGRTLEPYPLVIAGEHNIPW
LLHLPGSGRLVEGEVYAVDERMLRFLDDFESCPALYQRTVLRVQLLEDRAPGAEEPPAPTAVQCFVYSRATFPP
EWAQLPHHDSYDSEGPLHRLYNPRENR

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.