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Datasheet for ABIN7319224
GGACT Protein (His tag)

Overview

Quantity:	50 µg
Target:	GGACT
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGACT protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GGACT Protein (His Tag)
Sequence:	Met 1-Arg153
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GGACT
Alternative Name:	GGACT (GGACT Products)
Background:	Background: Gamma-Glutamylaminecyclotransferase is an enzyme that converts gamma-glutamylamines to free amines and 5-oxoproline which belongs to the gamma-

Target Details

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.

Synonym: Gamma-Glutamylaminecyclotransferase, GGACT, AIG2-Like Domain-Containing Protein 1, A2LD1

Molecular Weight: 19.5 kDa

UniProt: [Q9BVM4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 10 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.