

Recombinant Human GGACT Protein (Met1-Arg153), N-His tagged

Cat. No. GGACT-3642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GGACT (Met1-Arg153) protein fused with the N-terminal His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg153
Description	The protein encoded by this gene aids in the proteolytic degradation of crosslinked fibrin by breaking down isodipeptide L-gamma-glutamyl-L-epsilon-lysine, a byproduct of fibrin degradation. The reaction catalyzed by the encoded gamma-glutamylaminocyclotransferase produces 5-oxo-L-proline and a free alkylamine. Two transcript variants encoding the same protein have been found for this gene.
Molecular Mass	16.83 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	GGACT gamma-glutamylamine cyclotransferase [Homo sapiens (human)]
Official Symbol	GGACT
Synonyms	GGACT; gamma-glutamylamine cyclotransferase; A2LD1; gamma-glutamylaminecyclotransferase; AIG2-like domain 1; AIG2-like domain-containing protein 1; EC 4.3.2.8
Gene ID	87769
mRNA Refseq	NM_033110
Protein Refseq	NP_149101
MIM	613378
UniProt ID	Q9BVM4

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