

protein-glutamine γ -glutamyltransferase

Cat. No. EXWM-2286

Lot. No. (See product label)

Introduction

Description Requires Ca^{2+} . The γ -carboxamide groups of peptide-bound glutamine residues act as acyl donors, and the 6-amino-groups of protein- and peptide-bound lysine residues act as acceptors, to give intra- and inter-molecular N6-(5-glutamyl)-lysine crosslinks. Formed by proteolytic cleavage from plasma Factor XIII

Synonyms transglutaminase; Factor XIIIa; fibrinolygase; fibrin stabilizing factor; glutamylpeptide γ -glutamyltransferase; polyamine transglutaminase; tissue transglutaminase; R-glutamyl-peptide:amine γ -glutamyl transferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.3.2.13

CAS No. 80146-85-6

Reaction protein glutamine + alkylamine = protein N5-alkylglutamine + NH_3

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at $+4^\circ\text{C}$ for short term. For long term storage, store it at -20°C ~ -80°C .