ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Tissue Transglutaminase Human Recombinant, Sf9

Item Number

rAP-1885

Synonyms

Protein-glutamine gamma-glutamyltransferase 2, EC 2.3.2.13, Tissue transglutaminase, TGase C, TGC, TG(C), Transglutaminase-2, TGase-H, TG2, TGM2.

Description

Tissue Transglutaminase Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 78,018 Dalton. tTG is expressed with a -6xHis tag and purified by proprietary chromatographic techniques. By point mutation of the active center the catalytic transglutaminase activity has

Uniprot Accesion Number

P21980

Amino Acid Sequence

Source

Sf9 insect cells.

Physical Appearance and Stability

Store at 4°C if entire vial will be used within 2-4weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Formulation and Purity

TGM2 is supplied in 16mM HEPES buffer pH-8.0, 320mM NaCl, and 20% glycerol. Greater than 95% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition

Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only