

DATA SHEET

Tissue Transglutaminase Human Recombinant

Item Number	rAP-1886
Synonyms	Protein 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 E.coli is a non-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
Uniprot Accesion Number	P21980
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. 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, 400mM 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