



Certificate of Analysis

Transglutaminase 3/TGM3 Protein, Human (sf9, His)

Cat. No.:	HY-P77257
Batch No.:	319417
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-His
Accession:	Q08188 (A2-E693)
Gene ID:	7053
Molecular Weight:	Approximately 78 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave a synthetic peptide Benzvloxvcarbonvl-Gln-Glvand NH ₂ OH. The specific activity is 1018.3 pmol/min/μg, as measured under the described conditions.	1018.3 pmol/min/μg
Appearance	Solution	
Concentration	2 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA