

Data Sheet

HUMAN EPIDERMAL TRANSGLUTAMINASE [TGe]

RECOMBINANT

Catalog no.:	AP1005AG.1 / AP1005AG.2
Name:	Human epidermal Transglutaminase [TGe]
Synonyms:	Protein-glutamine gamma-glutamyltransferase E, EC=2.3.2.13, Transglutaminase E, Transglutaminase-3
MW:	Approx. 77 kDa
Swiss-Prot No:	Q08188
Gene Information:	Gene Name: TGM3
	GeneID: 7053
Source:	Produced serum-free in cell line
Purification:	Affinity chromatography
Storage buffer:	20 mM Tris-HCl pH 7.5, 150 mM NaCl, 1 mM EDTA and 1 mM DTT. Contains maltodextrin.
Purity:	> 95% (SDS-PAGE)
Known applications:	ELISA coating antigen (10 µg/ml)[1]
Contents:	100 µg / 1 mg (lyophilized)
	Resuspend in aqua bidest. for required concentration
Store at:	- 20 °C
	Repeated thawing and freezing must be avoided
Reference:	1. Sardy M, Karpati S, Merkl B, Paulsson M, Smyth N (2002). Epidermal transglutaminase (TGase 3) is the autoantigen of dermatitis herpetiformis. *J Exp Med* **195**(6): 747-757.
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