



Data Sheet

HUMAN TISSUE TRANSGLUTAMINASE [TGC]

RECOMBINANT

Catalog no.:	AK 3010AG.1 / AK 3010AG.2
Name:	Human tissueTransglutaminase [TGC], C-terminal tag
Synonyms:	Protein-glutamine gamma-glutamyltransferase 2, EC=2.3.2.13, Transglutaminase C, Transglutaminase H, Transglutaminase-2
MW:	Approx. 78 kDa
Swiss-Prot No:	P21980
Gene Information:	Gene Name: TGM2 GeneID: 7052
Source:	Produced serum-free in a human cell line
Purification:	Affinity chromatography
Storage buffer:	50 mM TRIS HCl, 1 mM EDTA, 1mM HABA, 1 mM PMSF pH 7.5
Purity:	> 95% (SDS-PAGE)
Contents:	100 µg / 1 mg (lyophilized) Resuspend in aqua bidest. for required concentration
Known applications:	ELISA (coating antigen < 10 µg/ml)
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
Reference:	1. Faye C, Inforzato A, Bignon M, Hartmann DJ, Muller L, Ballut L, Olsen BR, Day AJ, Ricard-Blum S (2010). Transglutaminase-2: a new endostatin partner in the extracellular matrix of endothelial cells. <i>Biochem J</i> 427 (3): 467-475.

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