

Product number **T010**  
Revision number **RN3.0**

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<b>Product Name</b>	Recombinant TG2 ( <i>E. coli</i> )
<b>Synonym</b>	Tissue-type Transglutaminase, TG2, TGase 2, proteinglutamine- $\gamma$ -glutamyltransferase
<b>Source</b>	Recombinantly produced in <i>E. coli</i>
<b>Quantity</b>	Customer specific
<b>Molecular Weight</b>	78 kDa
<b>Application</b>	The recombinant antigen is meant for solid (ELISA and immuno blot) and fluid phase diagnostic assays. The protein is bound by human type IgA and IgG (auto) antibodies.
<b>Purity</b>	> 95% [SDS-PAGE and Coomassie staining]. The gel shows a single dominant protein band at ~80 kDa.
<b>Appearance</b>	Frozen liquid.
<b>Reagents</b>	The Transglutaminase is dissolved in phosphate buffer pH6.8.
<b>Storage</b>	Store at -80°C.  If storage at -80°C is not possible, storage at $\leq -20^\circ\text{C}$ is recommended. While no formal stability data are available at -20°C, according to our overall experience stability is still given.  Store undiluted working aliquots preferably at -80°C (if not possible at $\leq -20^\circ\text{C}$ , see comment above). Avoid repeated freezing and thawing.
<b>Coating</b>	Dilute with your coating buffer to an appropriate concentration e.g. 1 $\mu\text{g/ml}$ . Please notice that coating conditions have to be evaluated carefully.
<b>Related products</b>	T122 Recombinant TG2 (insect cells) T051 Open tTG™ E006 ZediXclusive Open tTG-ab ELISA (IgA) E007 ZediXclusive Open tTG-ab ELISA (IgG)
<b>Release date</b>	23 December 2021
<b>NOTE</b>	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.