

# Product Data Sheet



Product number **T057**  
Revision number **RN3.0**

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|-------------------------|---|
| <b>Product Name</b>     | Inhibited human epidermal transglutaminase (inhibited TG3)  |
| <b>Quantity</b>         | 250 µg  |
| <b>Molecular Weight</b> | 78 kDa  |
| <b>Application</b>      | Inhibited human epidermal transglutaminase may be used for immunoprecipitation and detection of autoantibodies in body fluid samples from patients suffering from autoimmune diseases like psoriasis or gluten sensitive skin disorders. For coating of micro titer plates the addition of 10 mM Ca <sup>2+</sup> is recommended. |
| <b>Appearance</b>       | Liquid  |
| <b>Formulation</b>      | The inhibited TG3 is supplied in 20 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM DTT, 1 mM EDTA, 10% Glycerol.   |
| <b>Shipping</b>         | The product is shipped on dry ice. Upon receipt, store immediately at ≤ -20°C.  |
| <b>Storage</b>          | Store working aliquots at ≤ -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Purity</b>           | > 95 % by SDS-PAGE under reducing conditions  |
| <b>Related products</b> | T024 Human epidermal transglutaminase (TG3, recombinantly produced in insect cells)<br>T013 Human epidermal transglutaminase, activated (TG3a, rec. produced in insect cells)<br>A015 Polyclonal antibody to human epidermal transglutaminase (TG3)   |
| <b>Release date</b>     | 23 December 2021  |
| <b>NOTE</b>             | INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.<br>Usage in celiac disease diagnostic products may require a license for European Patent 0912898 and US Patent US 8,808,980 B2.   |