

# Product Data Sheet



Product number **T087**  
Revision number **RN3.0**

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| <b>Product Name</b>     | Tridegin  |
| <b>Background info</b>  | <p>Tridegin is a potent and highly specific inhibitor of human blood coagulation factor XIIIa that has been isolated from <i>Haementeria ghilianii</i> (Finney et al., 1997).</p> <p>T087 is a recombinant variant of Tridegin containing a carboxyterminal hexahistidine-tag.</p>                      |
| <b>Source</b>           | Recombinantly produced in <i>E. coli</i>  |
| <b>Quantity</b>         | 200 µg  |
| <b>Purity</b>           | > 95% [by SDS-PAGE]   |
| <b>Molecular Weight</b> | 7.5 kDa   |
| <b>Appearance</b>       | White lyophilized solid.  |
| <b>Reagents</b>         | Recombinant Tridegin is lyophilized from 20 mM Tris-HCl pH 8.0, 50 mM NaCl, 1 mM EDTA, 10 mg/ml sucrose.  |
| <b>Reconstitution</b>   | Add the volume of H <sub>2</sub> O the protein is lyophilized from (see Certificate of Analysis) to the vial of lyophilized powder. Rotate vial gently until solid dissolves. After reconstitution the solution should be stored frozen in working aliquots. Keep cooled on ice for short term storage. |
| <b>Storage</b>          | <p>Store at -20 °C in working aliquots. Repeated freezing and thawing is not recommended.</p> <p><b>Delivery is possible at ambient temperature</b></p>   |
| <b>Reference(s)</b>     | Böhm et al., J. Med. Chem. 2014, 57:10355-65; Finney et al., Biochem. J. 1997, 324:797-805; Wallis et al., Blood Coagul. Fibrinolysis. 1997, 8:291-5; Seale et al., Thromb. Haemost. 1997, 77:959-63  |
| <b>Related products</b> | <p>T036 Transglutaminase Assay Kit, fluorescent, Casein, Dansylcadaverine</p> <p>T027 Human blood coagulation Factor XIII, recombinant</p> <p>T007 Coagulation factor XIII, purified from human plasma</p>  |
| <b>Release date</b>     | 29 December 2021  |
| <b>NOTE</b>             | INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.   |