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## Product Datasheet

### greenTEV, lyophilized formulation, E. coli TRZ-P2020-142\_10000

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | greenTEV, lyophilized formulation, E. coli                                                                                                                                                                                                                    |
| Biozol Catalog Number      | TRZ-P2020-142_10000                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | P2020-142_10000                                                                                                                                                                                                                                               |
| Alternative Catalog Number | TRZ-P2020-142_10000                                                                                                                                                                                                                                           |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                      |
| Host                       | E. coli                                                                                                                                                                                                                                                       |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Application                | ELISA, FA, WB                                                                                                                                                                                                                                                 |
| Product Description        | greenTEV represents the catalytic domain of the nuclear inclusion a (NIa) protein with a molecular weight of 27 kDa encoded by the plant virus Tobacco Etch Virus. green indicates fusion of the protease to green fluorescent protein (GFP), which leads ... |
| Molecular Weight           | 53,7 kDa                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">Q0GDU8</a>                                                                                                                                                                                                                                        |
| Buffer                     | 50 mM Tris, 150 mM NaCl, 0.5 mM EDTA, 5% Trehalose                                                                                                                                                                                                            |
| Purity                     | > 85% as determined by SDS-PAGE                                                                                                                                                                                                                               |
| Form                       | lyophilized                                                                                                                                                                                                                                                   |

|          |                                                                                                                                                                                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | KGPRDYNPISSSICHLTNESDGHTTSLYGIGFGPFIITNKHLFRRNNGTLVVQSL<br>HGVFK<br>VKDTTTLQQLVDGRDMIIRMPKDFPPFPQKLKFREPQREERICLVTTNFQTK<br>SMSSMV<br>SDTSCTFPSGDGIFWKHWIQTKDGQCGSPLVSTRDGFIVGIHSASNFTNTNNY<br>FTSVPKN<br>FMELLTNQEAQQWVSGWRLNADSVLWGGHKVFMVKPEEPFQPVKEATQLM<br>NE |
| Formula  | pH 8,0                                                                                                                                                                                                                                                             |