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## Product Datasheet

### hGuanylatekinase, His-Tag TRZ-P2020-107\_100

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | hGuanylatekinase, His-Tag                                                                                                                                                                                                                                     |
| Biozol Catalog Number      | TRZ-P2020-107_100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | P2020-107_100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | TRZ-P2020-107_100                                                                                                                                                                                                                                             |
| Manufacturer               | trenzyme                                                                                                                                                                                                                                                      |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Application                | ELISA, FA, WB                                                                                                                                                                                                                                                 |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | Human Guanylate kinase is the only known enzyme which catalyzes the ATP-dependant phosphorylation of cellular guanosine monophosphate kinase (GMP) into guanosine monophosphate kinase (GDP). Process is crucial for GMP and cyclic guanosine monophosphat... |
| Molecular Weight           | 24,1 kDa                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">Q16774</a>                                                                                                                                                                                                                                        |
| Buffer                     | PBS                                                                                                                                                                                                                                                           |
| Purity                     | > 95% as determined by SDS-PAGE                                                                                                                                                                                                                               |
| Form                       | liquid                                                                                                                                                                                                                                                        |

|          |                                                                                                                                                                                                                   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | MSGPRPVVLSGPSGAGKSTLLKRLQEHSGIFGFSVSHTTTRNPRPGEENGKDY<br>YFVTREVMQRDIAAGDFIEHAEFSGNLYGTSKVAVQAVQAMNRCVLDVDLQ<br>GVRNIKATDLRPIYISVQPPSLHVLEQRLRQRNTETEEESLVKRLAAAQADMESS<br>KEPGLFDVVIINDSLDQAYAELKEALSEEIKKAQRTGA |
| Formula  | pH 7,4                                                                                                                                                                                                            |