



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GTP sodium solution

Catalog Number: U0508

Regulation Status: For research use only (RUO)

Product Description: GTP is

Guanosine-5'-triphosphate, which is an extremely stable nucleotide. This compound and its sodium salt are essential components of energy conversion in biological systems and can be used in various related applications in molecular biology, such as in vitro transcription, RNA amplification, siRNA synthesis, etc. In addition, GTP plays an important role in signal transduction as a phosphate or pyrophosphate messenger: GTP activates G proteins, which in turn induce multiple protein kinase-mediated cascades that lead to various cellular behavior, such as cell proliferation, differentiation, etc. In addition, GTP can also be used as a high-energy precursor of mononucleotides to participate in the enzymatic synthesis of DNA and RNA.

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Concentration: 100 mM

Recommend Usage: In Vitro Transcription

The optimal working dilution should be determined by the end user.

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.