



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## ppTG20

<b>Cat. No.:</b>	HY-P10443
<b>CAS No.:</b>	380480-75-1
<b>Molecular Formula:</b>	C <sub>115</sub> H <sub>198</sub> N <sub>36</sub> O <sub>22</sub>
<b>Molecular Weight:</b>	2437.03
<b>Sequence:</b>	Gly-Leu-Phe-Arg-Ala-Leu-Leu-Arg-Leu-Leu-Arg-Ser-Leu-Trp-Arg-Leu-Leu-Leu-Arg-Ala
<b>Sequence Shortening:</b>	GLFRALLRLLRSLWRLLRA
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

ppTG20 is an amphiphilic cell penetrating peptide (KALA) that can be used for gene transfection. ppTG20 can bind to DNA, destabilize membranes, and mediate DNA transfection<sup>[1][2]</sup>.

### REFERENCES

- [1]. Ma J, et al. Cell-penetrating peptides mediated protein cross-membrane delivery and its use in bacterial vector vaccine. *Fish Shellfish Immunol.* 2014 Jul;39(1):8-16.
- [2]. Wyman TB, et al. Design, synthesis, and characterization of a cationic peptide that binds to nucleic acids and permeabilizes bilayers. *Biochemistry.* 1997 Mar 11;36(10):3008-17.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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