

## TAT-NSF700scr

<b>Cat. No.:</b>	HY-P4114
<b>Molecular Formula:</b>	C <sub>186</sub> H <sub>315</sub> N <sub>61</sub> O <sub>44</sub>
<b>Molecular Weight:</b>	4109.87
<b>Sequence:</b>	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Gly-Gly-Gly-Ile-Pro-Pro-Val-Tyr-Phe-Ser-Arg-Leu-Asp-Leu-Asn-Leu-Val-Val-Leu-Leu-Leu-Ala-Gln-Leu
<b>Sequence Shortening:</b>	YGRKRRQRRRGGGIPPVYFSRLDLNLVLLLAQL
<b>Target:</b>	HIV
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

TAT-NSF700scr consists the intact TAT domain and glycine linker, followed by the NSF amino acids in a random order. TAT-NSF700scr is used as a control peptide that does not inhibit SNAREmediated exocytosis<sup>[1][2]</sup>.

### REFERENCES

- [1]. John W Calvert, et al. Inhibition of N-ethylmaleimide-sensitive factor protects against myocardial ischemia/reperfusion injury. *Circ Res.* 2007 Dec 7;101(12):1247-54.
- [2]. Mumtaz, et al. Acute and chronic adaptation of Supraoptic neurons to changes in osmolality. UNIVERSITY OFSASKATCHEWAN, 2011, 05.

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

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