

Rev01  
Update: Dec,28,2022

**DATASHEET**

# Kisspeptin-10

Cat. No.: RP20494

## Overview

<b>Synonyms</b>	Kisspeptin-10
<b>Description</b>	This peptide sequence is recognized in residues 45 to 54 of Metastin. This peptide is the minimal sequence needed to activate GPR54 signaling, which may function in negatively regulating CXCR4's role in programming tumor metastasis. Specifically, Kisspeptin-10 inhibits signaling and chemotaxis induced by SDF-1.
<b>Sequence</b>	{Tyr}{Asn}{Trp}{Asn}{Ser}{Phe}{Gly}{Leu}{Arg}{Phe}-NH <sub>2</sub>
<b>Sequence Shortening</b>	YNWNSFGLRF-NH <sub>2</sub>
<b>Molecular Formula</b>	C <sub>63</sub> H <sub>83</sub> N <sub>17</sub> O <sub>14</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	1302.5

## Properties

<b>Purity</b>	> 95%
<b>Form</b>	Lyophilized
<b>Storage</b>	Store the peptide at -20°C.