

# Analytical Data Sheet

Lot number

**0524061**

not for drug use

Catalog Number

H-4606.0010

Product number

4030497.0010

Product

**Interferon- Inducible T Cell  $\alpha$ - Chemoattractant (human)**

H- Phe- Pro- Met- Phe- Lys- Arg- Gly- Arg- Cys- Leu- Cys- Ile- Gly- Pro- Gly- Val- Lys- Ala- Val- Lys- Val- Ala- Asp- Ile- Glu- Lys- Ala- Ser- Ile- Met- Tyr- Pro- Ser- Asn- Asn- Cys- Asp- Lys- Ile- Glu- Val- Ile- Ile- Thr- Leu- Lys- Glu- Asn- Lys- Gly- Gln- Arg- Cys- Leu- Asn- Pro- Lys- Ser- Lys- Gln- Ala- Arg- Leu- Ile- Ile- Lys- Lys- Val- Glu- Arg- Lys- Asn- Phe- OH  
(Disulfide bonds between Cys<sup>9</sup> and Cys<sup>36</sup>/Cys<sup>11</sup> and Cys<sup>53</sup>)

Molecular formula

C<sub>368</sub>H<sub>619</sub>N<sub>107</sub>O<sub>98</sub>S<sub>6</sub>

Relative molecular mass

8303.02

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	[M+H] <sup>+</sup> :m/z = 8303.7u MALDI-TOF-MS
<b>Purity (HPLC)</b>	> 95%
<b>Bioassay</b>	activation of the human CXCR3 receptor in a transfected cell line (Ca <sup>2+</sup> flux)
<b>General comment</b>	EC <sub>50</sub> : 14 +/- 7 ng/ml  each blister contains 10 µg product diluted 1:50 (w/w) with BSA (Bovine serum albumin)
Latest update: October 25, 2008	<b>Analytical Data Sheet</b> Lot number <b>0524061</b>