

**h-IL-8 (AF647®), synthetic****100 µg**

Catalogue number: CAF-09

**Almac Peptide and Protein Technologies****Chemokines**

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

**Product Information**

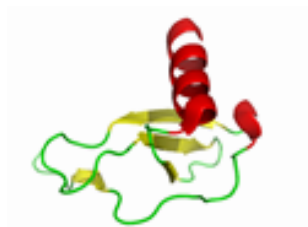
|                                 |                                                                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>            | h-IL-8 (AF647®)<br>CXCL8                                                                                                         |
| <b>Synonyms:</b>                | CXCL8 (Alexa 647®) human, Interleukin-8                                                                                          |
| <b>Swiss Prot Accession No:</b> | P10145                                                                                                                           |
| <b>Sequence:</b>                | AVLPRSAKEL RCQCIKTYSK PFHPKFIKEL RVIESGPHCA<br>NTEIIVKLSD GRELCCLDPKE NWVQRVVEKF<br>LKRAENSK(Linker-AF647®)                      |
| <b>Modifications:</b>           | AF647® incorporated at indicated position in a molar ratio of dye:peptide of 1:1. Linker used is 8-amino-3,6-dioxaoctanoic acid. |

**Specification**

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HPLC Purity:</b>              | >95% area/area at 214nm                                                                                                                        |
| <b>Determined Mass:</b>          | 10.0 kDa                                                                                                                                       |
| <b>Formulation / Appearance:</b> | Blue powder lyophilized from water/acetonitrile/ TFA to generate the TFA salt form.<br><br>Peptide content determined by UV analysis at 280nm. |

**Preparation and Storage**

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution / Storage:</b> | It is recommended that unopened vials are stored at -20 °C to -70 °C for periods of up to 18 months. Avoid repeat freeze-thaw cycles.<br><br>It is recommended vials be centrifuged prior to opening.<br><br>Water can be used to prepare stock solutions of 20 µmol.L-1. Stock solutions with up to 30% DMSO/water can also be prepared. |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



*Not fully tested. For research use only. Not for use in human diagnostic or therapeutic procedures.*