

**m-MCP-1 (AF647®), synthetic****10 µg**

Catalogue number: CAF-52

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

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

**Product Information**

|                                  |  |
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| <b>Product Name:</b>             | m-MCP-1 (AF647®)   |
| <b>Synonyms:</b>                 | CCL2 mouse (AF647®), Monocyte Chemotactic Protein 1, Monocyte Chemotactic & Activating Factor, MCAF, Monocyte Secretory Protein JE, HC11 |
| <b>Swiss Prot Accession No.:</b> | P10148   |
| <b>Sequence:</b>                 | Pyr-PDAVNA PLTCCYSFTS KMIPMSRLES YKRITSSRCP<br>KEAVVFVTKL KREVCADPKK EWWQTYIKNL DRNQMR<br>K(Linker-Cys-Alexa-647®)                       |
| <b>Modifications:</b>            | AF647® incorporated at indicated site in a molar ratio of biotin: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>          | 9.9 kDa  |
| <b>Formulation / Appearance:</b> | Blue powder lyophilized from water/acetonitrile/ TFA to generate the TFA salt form.<br>Peptide content determined by UV analysis at 280nm. |

**Preparation and Storage**

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| <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>It is recommended vials be centrifuged prior to opening.<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. |
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*Not fully tested. For research use only. Not for use in human diagnostic or therapeutic procedures.*

