

**m-SDF-1 $\alpha$  (Biotin), synthetic****100  $\mu$ g**

Catalogue number: CB-50

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

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

**Product Information**

<b>Product Name:</b>	m-SDF-1 $\alpha$ (Biotin)
<b>Synonyms:</b>	CXCL12 mouse (Biotin)
<b>Swiss Prot Accession No:</b>	P40224
<b>Sequence:</b>	KPVSLSYRCP CRFFESHIAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEK(Linker-Cys-Biotin)ALN
<b>Modifications:</b>	Biotin incorporated at indicated position 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>	8.5 kDa
<b>Formulation / Appearance:</b>	White powder lyophilized from water/acetonitrile/ TFA to generate the TFA salt form.  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.  It is recommended vials be centrifuged prior to opening.  Water can be used to prepare stock solutions of 20 $\mu$ mol.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.*