

## h-SDF-1 $\alpha$ (Biotin), synthetic

**100  $\mu$ g**

Catalogue number: CB-11

### Almac Peptide and Protein Technologies

**Chemokines**

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

### Product Information

<b>Product Name:</b>	h-SDF-1 $\alpha$ (Biotin) CXCL12
<b>Synonyms:</b>	CXCL12 (Biotin) human
<b>Swiss Prot Accession No:</b>	P48061
<b>Sequence:</b>	KPVLSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEK(Biotin)ALN
<b>Modifications:</b>	Biotin incorporated at indicated position in a molar ratio of biotin:peptide of 1:1.

### Specification

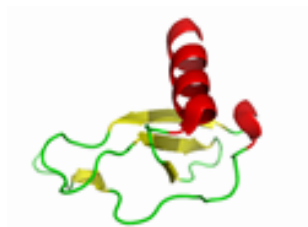
<b>HPLC Purity:</b>	>95% area/area at 214nm
<b>Determined Mass:</b>	8.1 kDa
<b>Formulation / Appearance:</b>	White powder lyophilized from water/acetonitrile/TFA to generate the TFA salt form.  Peptide content determined by UV analysis at 280nm.

### Preparation and Storage

**Reconstitution / Storage:** 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.



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