

h-SDF-1 β (AF647®), synthetic**10 μ g**

Catalogue number: CAF-22

Almac Peptide and Protein Technologies**Chemokines**

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

Product Information

Product Name:	h-SDF-1 β (AF647®) CXCL12
Synonyms:	CXCL12 (Alexa647®) human, Stromal Cell Derived Factor 1 (Alexa647®)
Swiss Prot Accession No:	P48061
Sequence:	DGKPVLSYSR CPCRRFFESHV ARANVKHLKI LNTPNCALQI VARLKNNNRQ VCIDPKLKWI QEYLEKALNK RFK(Linker-Cys-AF647®)M
Modifications:	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

HPLC Purity:	>95% area/area at 214nm
Determined Mass:	9.9 kDa
Formulation / Appearance:	Blue 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 μ 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.