

m-SDF-1 α (AF647®), synthetic**100 μ g**

Catalogue number: CAF-50

Almac Peptide and Protein Technologies**Chemokines**

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

Product Information

Product Name:	m-SDF-1 α (AF647®)
Synonyms:	CXCL12 mouse (AF647®)
Swiss Prot Accession No:	P40224
Sequence:	KPVLSYRCP CRFFESHIAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEK(Linker-Cys-Alexa- 647®)ALN
Modifications:	AF647® incorporated at indicated position in a molar ratio of AF647®:peptide of 1:1. Linker used is 8-amino-3,6- dioxaoctanoic acid.

Specification

HPLC Purity:	>95% area/area at 214nm
Determined Mass:	9.1 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.

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

