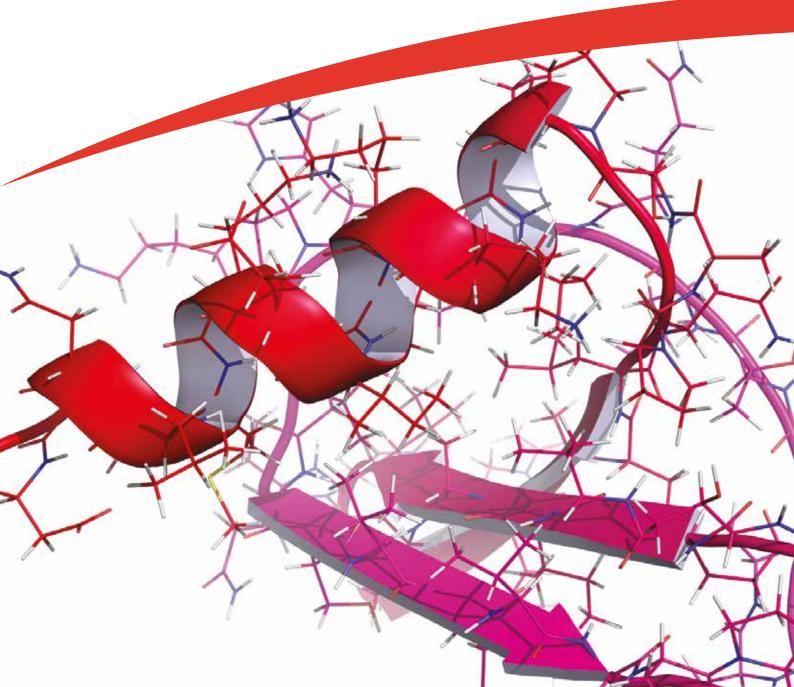


Comprehensive Chemokine Services

- One of the most comprehensive ranges of human and mouse chemokines in the native and site-specifically labelled form
- High purity, endotoxin free products
- Custom synthesis of human and non-human wild-type or labelled chemokines for products not available in the catalogue





Comprehensive Chemokine services

One of the most comprehensive ranges of human and mouse chemokines in the native and site- specifically labelled form

Proprietary skills in long chain peptide synthesis produce high purity, endotoxin free products. The selective manufacturing process is highly amenable to the manufacture of labelled products, ensuring that not only is a single label incorporated, but also at a specific site in the sequence. We provide site-specifically labelled chemokines and complement proteins with biotin and AlexaFluor647^{®1} from stock.

Our AlexaFluor^{®1} chemokines offer the following advantages:

- A powerful and unique reagent which absorbs at 650 nm and emits at 665 nm
- The highly selective nature of the synthesis process ensures only labelling at a single site in the protein sequence
- Wide ranging applications e.g. receptor binding studies² and flow cytometry³

¹ AlexaFluor 647[®]- labelled chemokines are sold under license for research use only patents or patent applications owned by Molecular Probes

² Strong et al (2006). "Synthetic chemokines directly labelled with a fluorescent dye as tools for studying chemokine and chemokine receptor interactions". Eur.Cytokine Netw., 17 (1), 49-59

³ Le Brocq et al (2014). "Chemokines as novel and versatile reagents for flow cytometry and cell sorting".
J Immunol, 192, 6120-6130

Chemokines

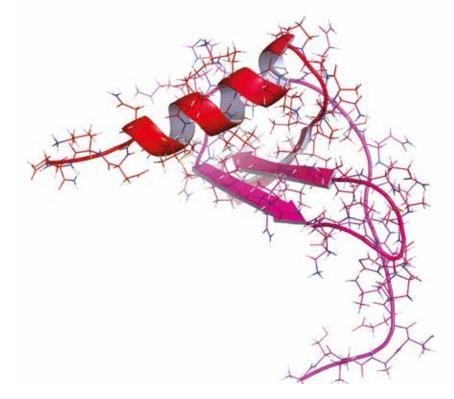
| Systematic Name | Chemokine | HUMAN CHEMOKINES Chemokine Receptors | Native | Biotin | AlexaFluor647®1 |
|---|---|--|--|---|--|
| CCL1 CCL2 CCL3 CCL4 CCL5 CCL8 CCL11 CCL15 CCL17 CCL18 CCL19 CCL20 CCL22 CCL25 CCL25 CCL28 CXCL8 CXCL10 CXCL11 CXCL12 CXCL14 | h-I-309 h-MCP-1 h-MIP-1 alpha h-MIP-1 beta h-RANTES h-MCP-2 h-Eotaxin h-MIP-5 h-TARC h-PARC h-PARC h-MIP-3 beta h-MIP-3 alpha h-MDC h-TECK h-MEC h-IL-8 h-IP-10 h-ITAC h-SDF-1 alpha h-BRAK | CCR8 CCR2 CCR1/CCR5 CCR5 CCR1/CCR3/CCR4/CCR5 CCR1/CCR2/CCR3/CCR5 CCR3 CCR1/CCR3 CCR4 unknown CCR7 CCR6 CCR4 CCR9 CCR10 CXCR1/CXCR2 CXCR3 CXCR3 CXCR3 CXCR4 unknown | CN-7 CN-2 CN-1 CN-23 CN-8 CN-18 CN-3 CN-19 CN-16 CN-21 CN-6 CN-21 CN-6 CN-5 CN-4 CN-15 CN-20 CN-9 CN-10 CN-13 CN-11 CN-17 | CB-7 CB-2 CB-1 CB-23 CB-8 CB-8 CB-18 CB-3 CB-19 CB-16 CB-21 CB-6 CB-5 CB-4 CB-5 CB-4 CB-15 CB-20 CB-9 CB-10 CB-13 CB-11 CB-17 | CAF-7 CAF-2 CAF-1 CAF-23 CAF-8 CAF-8 CAF-18 CAF-3 CAF-19 CAF-16 CAF-16 CAF-21 CAF-6 CAF-5 CAF-4 CAF-5 CAF-4 CAF-15 CAF-20 CAF-9 CAF-10 CAF-13 CAF-11 CAF-17 |
| CX3CL1 | h-Fractalkiine | CX3CR1 | CN-14 | CB-14 | CAF-14 |
| Systematic Name | Chemokine | MOUSE CHEMOKINES Chemokine Receptors | Native | Biotin | AlexaFluor647®1 |
| mCCL2 mCXCL12 mCX3CL1 | mouse MCP-1 mouse SDF-1 alpha mouse Fractalkine | CCR2 CXCR4 CX3CR1 | CN-52 CN-50 CN-51 | CB-52 CB-50 CB-51 | CAF-52 CAF-50 CAF-51 |
| | | COMPLEMENT PROTEINS Complement Protein Native Biotin AlexaFluor647®1 | | | |
| | | hC3a hC5a | CN-91 CN-90 | CB-91 CB-90 | CAF-91 CAF-90 |

Native available in 20µg, 100µg, 1mg Biotin and Alexa647®1 available in 10µg, 100µg

Email: chemokines@almacgroup.com

Complementary peptide synthesis services:

- Custom Synthesis
- Challenging Targets
- Protein Engineering
- Peptide Conjugation
- Peptide Labelling
- Analytical Support.



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