

Molecular Innovations, Inc.

46430 Peary Court

Novi, MI 48377

TEL: (248) 896-0142

FAX: (248) 896-0148

<http://www.mol-innov.com>

Certificate of Analysis

Product: Human CCL2

Date: 29 August 2016

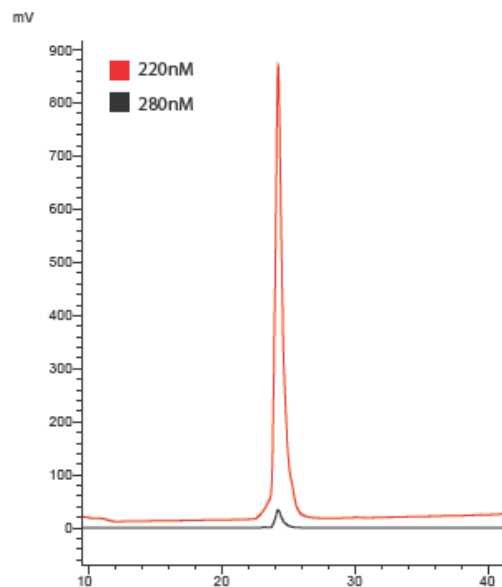
Lot: CCL2-4289

Molecular Weight: 8,681.0

1D ^1H NMR:

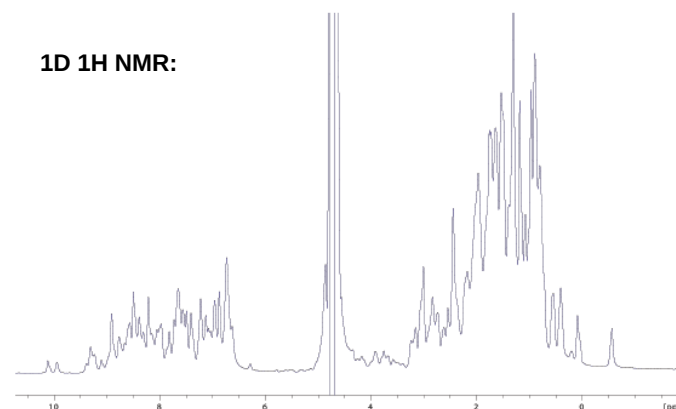
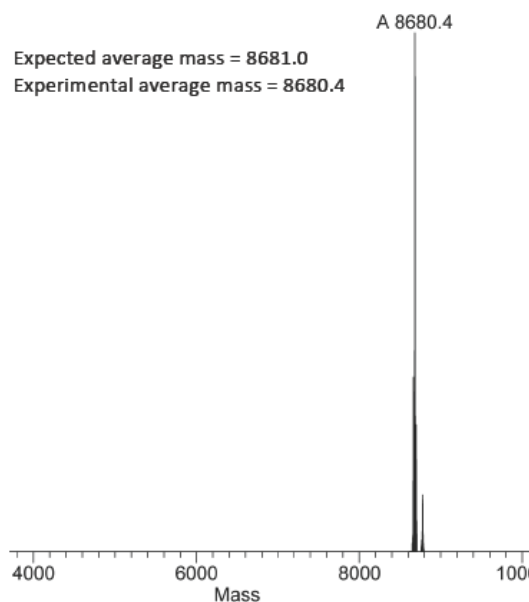
Physical Appearance: Lyophilized powder
Extinction Coefficient: $\epsilon^{0.1\%} = 1.01$
Storage Conditions: Store frozen at -20°C – stability > 3yrs
Buffer Composition: Salt free
Other: >98% by SDS-PAGE, HPLC, MS & NMR analysis

Analytical Reverse Phase HPLC:

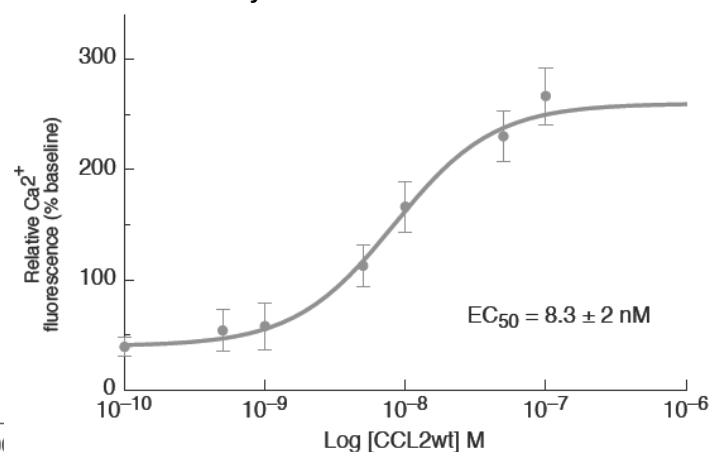


Mass Spectrometry (LTQ):

Expected average mass = 8681.0
Experimental average mass = 8680.4



Calcium Flux Assay:



Duane E. Day

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