



Protein Expression and Proteomics Core Services

Protein Expression and Proteomics

Protein expression

Advice provided at **no charge** on vector and cell selection as well as protocols for efficient purification schemes.

Limited quantities of proteins already expressed and purified offered at **no charge** to CFAR members:

- Fc-tagged human DC-SIGN

- Fc-tagged HIV gp120

- HIV-NL4-3 protease (PR)

- HIV-NL4-3 integrase (IN)

- Refolded, soluble human BAFF protein*

Expression and purification of specific proteins from constructs supplied by investigators performed at reduced cost.

Expression of cytokines and chemokines available on request.

*Also known as TALL-1, THANK, TNFSF13B, BLyS, zTNF.

Proteomics

Proteomic advice provided at **no charge**.

Bia-Core instrumentation and technical instruction available.

Running and imaging 1- and 2-dimensional SDS/PAGE gels:

- IEF gels

- Silver or SyproRuby staining of gels

- Fluorescence 2-dimensional difference gel electrophoresis

- Spot/band isolation from 1- or 2-dimensional electrophoresis gels

- Typhoon 3-color laser imager available for gel analysis.

LC/MS mass spectrometry services:

- Protein identification from gels or purified proteins

- Multidimensional protein identification technology

Bio-Plex (Lumenix) instrumentation for identification of multiple proteins, \$65 per hour. No charge for software analysis after data collection.

Software available to CFAR members

- Gel analysis programs

- Mass spectrometry

- Bia-Core

- Bio-Plex

Pricing

Please contact us for current pricing information.

Contact

Protein Expression and Proteomics

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