UNIVERSITY OF IOWA
Carver College of Medicine
Protein Crystallography Facility
(http://www.healthcare.uiowa.edu/corefacilities/crystallography)

User and Project Information

Investigator Information

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Billing Information

PIs and investigators acknowledge that the CCOM Protein Crystallography Facility will bill your project based on usage at the current published rates. For more information on the current rates, please see http://www.healthcare.uiowa.edu/corefacilities/crystallography/fees.

Provide one or more MFK numbers. If multiple MFKs are listed, charges will be split evenly unless otherwise noted.

Fund	Org	Dept	Sdept	Grant/Program	Inst Acct	Org Acct	Dept Acct	Fn	Cost Ctr	% Split
050	11	1050	00000	52570403	xxxx	310	00000	21	1963	100

Project Title and Description

Please provide information on your protein/ligands and what you want to use the Facility resources for. Example:

Crystallization and structure determination of the WD40 domain of protein Scrop1.

If the focus of the project expands/changes with time, that information should be added to this form or a new form filled accordingly. Example:

Crystallization and structure determination of the WD40 domain of protein Scrop1 bound to the drug Instipil.

Measure transcription factor DNA binding affinity:

we want to measure the binding affinity of two orthologous transcription factor proteins that belong to the basic Helix-Loop-Helix (bHLH) family. The DNA Binding Domains are ~60 aa long. They bind as homodimers, recognizing a palindromic motif of the sequence CACGTG. We are interested in comparing the DNA binding affinity between the two orthologous TF DBD.