



Sample Submission Form

Macromolecular Crystallography Facility

Department of Biochemistry
University of Western Ontario



Client Name:

Lab Supervisor

Phone number/extension

Email address

Address (or Bldg Room #)

City/Province/Postal Code

Date:

Billing Information:

UWO Speed Code

Address (if different)

Sample Description:

Protein Name(s):

Source (i.e. *E. coli*, yeast):

Length (# amino acids):

MW (Da):

Fusion tag present:

pI:

Current Buffer Composition:

Preferred temperature, pH, salt concentration,
reducing agents? Please describe:

 Metal binding (please list)

 Ligand binding (please list)

 Disulfide bonds

Expected Stoichiometry:

 Monomer

 Homo-oligomer (i.e. dimer, trimer) _____

 Heteromeric complex (i.e. 1:1, 1:3, 1:1:2)

Intracellular protein(s)

Extracellular protein(s)

Membrane Protein(s)

Sample Preparation:

Purification by (please check all that apply):

Ion-exchange chromatography

Size-exclusion chromatography

Affinity chromatography

Other _____

Sample filtered or centrifuged to remove
particulate matter

Purity and stability confirmed by SDS-PAGE
(please include gel photo)

Current Sample Concentration:

Concentration estimated by:

Colorimetric assay (i.e. Bradford, Lowry)

A₂₈₀

To your knowledge, has this protein (or any family members of this protein) been crystallized before?

Yes

No

I'm not sure

If yes, the crystals were obtained in these conditions: