

**Quote Request
ASSAYS & ASSAY DEVELOPMENT**

Date:

PRINCIPAL INVESTIGATOR:			
TITLE:			
INSTITUTION:			
ADDRESS:			
PHONE (<input type="checkbox"/> preferred):	FAX (<input type="checkbox"/> preferred):	CELL (<input type="checkbox"/> preferred):	E-MAIL (<input type="checkbox"/> preferred):

To ensure that we understand your needs and project requirements, please fill out or type in this form. When information is not available to you or cannot be disclosed, skip the question leaving it blank. FAX us the completed form to 203-653-2251. Please make sure that, if necessary, confidential disclosure agreement is executed before submitting this form.

TARGET MOLECULE INFORMATION			
TYPE OF MOLECULE: <input type="checkbox"/> Enzyme <input type="checkbox"/> Receptor <input type="checkbox"/> Antibody <input type="checkbox"/> Peptide/Small molecule. Structure:			
NAME:		ISOFORM/ISOTYPE:	ORGANISM
MOLECULE PROVIDED BY: <input type="checkbox"/> Customer. Specify amount: <input type="checkbox"/> Commercial source. Purchased from:			
FULL LENGTH: <input type="checkbox"/> Yes <input type="checkbox"/> No	ACCESSION NUMBER: <div style="display: flex; justify-content: space-around;"> GenBank EMBL-Bank </div> <div style="display: flex; justify-content: space-around;"> DDBJ Swiss-Prot Other </div>		
	MOLECULAR WEIGHT (MW), kDa Specify method:		SUBUNIT COMPOSITION AND SUBUNIT MWs, kDa:
KNOWN POSTTRANSLATIONAL MODIFICATION: <input type="checkbox"/> Glycosylation <input type="checkbox"/> Phosphorylation <input type="checkbox"/> Lipid Chain <input type="checkbox"/> Other Specify:			
EXTINCTION COEFFICIENT, 280nm:		PROTEIN pI: <div style="display: flex; justify-content: space-around;"> Theoretical Experimental </div>	
ENZYMATIC/FUNCTIONAL ACTIVITIES:			EC NUMBER:
LIGANDS:			
<input type="checkbox"/> Substrate	Specify:		
<input type="checkbox"/> Agonist	Specify:		
<input type="checkbox"/> Antagonist	Specify:		
<input type="checkbox"/> Allosteric regulator	Specify:		

<input type="checkbox"/> Other	Specify:
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FACTORS THAT AFFECT STABILITY/ACTIVITY:

CHECK	PROPERTY	SPECIFY
<input type="checkbox"/>	Cofactors/Activators	Affinity: Number of binding sites:
<input type="checkbox"/>	Inhibitors	K _i : IC ₅₀ :
<input type="checkbox"/>	Excipients	
<input type="checkbox"/>	pH	
<input type="checkbox"/>	Heat	
<input type="checkbox"/>	Non-ionic detergents	
<input type="checkbox"/>	Other	

SERVICES REQUESTED

Assays performance Assay development

TYPE OF ASSAY:
 Activity Binding Inhibition Concentration measurement

ASSAY FORMAT:
 Single Point Continuous 96wells 384wells High-Throughput screening

PARAMETERS TO BE DETERMINED BY THE ASSAY:
 K_m, k_{cat} EC₅₀ B_{max}, K_d IC₅₀ K_i Concentration

EXISTING ASSAYS (paste references and/or your own protocols):

ASSAY REQUIREMENTS:

Limit of detection	
Replicates per point	
Analyte composition	
Number of samples (per week, etc.)	

YOUR COMMENTS/ADDITIONAL INFORMATION: