



**Quote Request
ASSAYS & CHARACTERIZATION**

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: <input type="checkbox"/> GenBank <input type="checkbox"/> EMBL-Bank <input type="checkbox"/> DDBJ <input type="checkbox"/> Swiss-Prot <input type="checkbox"/> Other		
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: <input type="checkbox"/> Theoretical <input type="checkbox"/> Experimental		
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:		
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		
<input type="checkbox"/> Assays performance		<input type="checkbox"/> Assay development
TYPE OF ASSAY:		
<input type="checkbox"/> Activity <input type="checkbox"/> Binding <input type="checkbox"/> Inhibition <input type="checkbox"/> Concentration measurement		
ASSAY FORMAT:		
<input type="checkbox"/> Single Point <input type="checkbox"/> Continuous <input type="checkbox"/> 96wells <input type="checkbox"/> 384wells <input type="checkbox"/> High-Throughput screening		
PARAMETERS TO BE DETERMINED BY THE ASSAY:		
<input type="checkbox"/> K_m , k_{cat} <input type="checkbox"/> EC_{50} <input type="checkbox"/> B_{max} , K_d <input type="checkbox"/> IC_{50} <input type="checkbox"/> K_i <input type="checkbox"/> 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:		