



XTAL™
BioStructures

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PROTEIN LIST

Protein		Crystallized
ACC1	Acetyl-CoA carboxylase (96-617), biotin carboxylation domain	✓
ACC1	Acetyl-CoA carboxylase (1574-2340), carboxyltransferase domain	✓
AGO2	Protein argonaute-2	
AKT1	Serine/threonine-protein kinase akt-1	
Auroa A kinse	Auroa A kinse	✓
BMP-7	Bone morphogenetic protein 7	✓
BMPR-1B	Bone morphogenetic protein receptor type-1B	
BMPR-II	Bone morphogenetic protein receptor type-2	
BRD2(1)	Bromodomain-containing protein 2 (domain 1)	
BRD2(2)	Bromodomain-containing protein 2 (domain 2)	✓
BRD4(1)	Bromodomain-containing protein 4 (domain 1)	✓
BRD4(2)	Bromodomain-containing protein 4 (domain 2)	
BtGH84	O-GlcNAcase (from <i>B. thetaiotaomicron</i>)	
Cal-PDZ		
CACNB1	Voltage-dependent L-type calcium channel subunit beta-1	
CBR1	Carbonyl reductase [NADPH] 1	✓
CEBPbeta	Cytoplasmic polyadenylation element-binding protein 1	
Chymase	Chymase	✓
c-Met	Met proto-oncogene (hepatocyte growth factor receptor) protein	✓
c-myc	Myc proto-oncogene protein (Avi-tag)	
c-myc	Myc proto-oncogene protein (Avi-tag, His-tag)	
CRBN	Protein cereblon	
CSF-1R	Macrophage colony-stimulating factor 1 receptor	
DAAO	D-Amino Acid Oxidase	
delta-FosB	Protein fosB	
DOT1	Histone-lysine N-methyltransferase, H3 lysine-79 specific	✓
EED	Polycomb protein EED	
EGFR	Epidermal growth factor receptor	
Endo F2	Endo-beta-N-acetylglucosaminidase F2	
Endo F3	Endo-beta-N-acetylglucosaminidase F3	
endo H	Endo-beta-N-acetylglucosaminidase H	

EPOR	Erythropoietin receptor	✓
ERG	Transcriptional regulator ERG	
FAAH	Fatty-acid amide hydrolase 1	✓
FASN-TE	Fatty acid synthase thioesterase domain (2200-2511)	
FKBP52	Peptidyl-prolyl cis-trans isomerase FKBP4	
Gbr2	Growth factor receptor-bound protein 2	
GSK-3B	glycogen synthase kinase 3	✓
H2A	Histone H2A	
H2B	Histone H2B	
H3	Histone H3	
H4 (his-tag)	Histone H4	
hArgI	human Arginase I	✓
hArgII	human Arginase II	✓
HDAC1	Histone deacetylase 1	
HDAC2	Histone deacetylase 2	
HDAC8	Histone deacetylase 8	
HK2	Hexokinase-2 (17-916)	
IDH1	Isocitrate dehydrogenase [NADP] cytoplasmic	✓
IDH1 (R132H)	Isocitrate dehydrogenase [NADP] cytoplasmic (R132H mutant)	✓
IGF1RK-ΔJM	Insulin receptor kinase (- juxtamembrane sequence)	✓
IGF1RK-JM+	Insulin receptor kinase (+ juxtamembrane sequence)	✓
iGluR7	Glutamate receptor, ionotropic kainate 3	✓
IL-6	Interleukin-6	
iPFK2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3, inducible form, (1-520)	
IRK-ΔJM	Insulin-like growth factor 1 receptor kinase (- juxtamembrane sequence)	✓
IRK-JM+	Insulin-like growth factor 1 receptor kinase (+ juxtamembrane sequence)	✓
IRS1	Insulin receptor substrate 1	
JMJD2C	Lysine-specific demethylase 4C(1-420)	
JunD	Transcription factor jun-D	
KGA	Glutaminase K domain, (221-533; full length is 17-669)	
LA-T7	Enterobacteria phage T7 polymerase	
LDHA	Lactate dehydrogenase A	
LGA	Glutaminase liver isoform, mitochondrial (61-602)	
LipA	Lipoyl synthase	
LipB	Lipoyl transferase LipB	
Mcl-1	Induced myeloid leukemia cell differentiation protein Mcl-1	✓
MDM2	E3 ubiquitin-protein ligase Mdm2	
MDM4	Protein Mdm4	
NAMPT	Nicotinamide phosphoribosyltransferase	✓
NCP	nucleosome core particle	✓
Neuraminidase	Neuraminidase	
NS3	NS3 protease	
octamer	histone octamer	

OTCase	Ornithine carbamoyltransferase, mitochondrial	
PDE1B	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B	
PDE9a	cGMP-specific phosphodiesterase type-9	✓
PDHK1	Pyruvate dehydrogenase kinase isoform 1, (30-436)	
PDL1	Programmed death-1 ligand 1	
Pin1	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	
PKCβII	Protein kinase C beta type II	
PKL	Pyruvate kinase isozyme L (50-574)	
PKM1	Pyruvate kinase isozyme M1 (2-531)	
PKM2	pyruvate kinase isozymes M1/M2	✓
PLK3	Serine/threonine-protein kinase PLK3	
rat ArgI	rat Arginase I	
rat ArgII	rat Arginase II	
RPE-65	Retinoid isomerohydrolase	
S8	30S ribosomal protein S8	
SAHH	S-Adenosylhomocysteinase	
SDF1-aplha	Stromal cell-derived factor 1 (alpha)	
Shh (C24II)	sonic hedgehog protein	✓
SufE	Cysteine desulfuration protein sufE	
TAF9	Transcription initiation factor TFIID subunit 9	
TFPI	Tissue factor pathway inhibitor	
Topo-I		
TNF	tumor necrosis factor	
TNFR	tumor necrosis factor receptor	✓
VEGF165	Vascular endothelial growth factor A	
WDR5	WD repeat-containing protein 5	
YBX1	YBX1 Nuclease-sensitive element-binding protein 1protein	
βc-uPA(C122S)	Urokinase-type Plasminogen Activator containing C122S mutation	
λ-phosphatase (PTB1B)	Protein tyrosine phosphatase lambda B	