

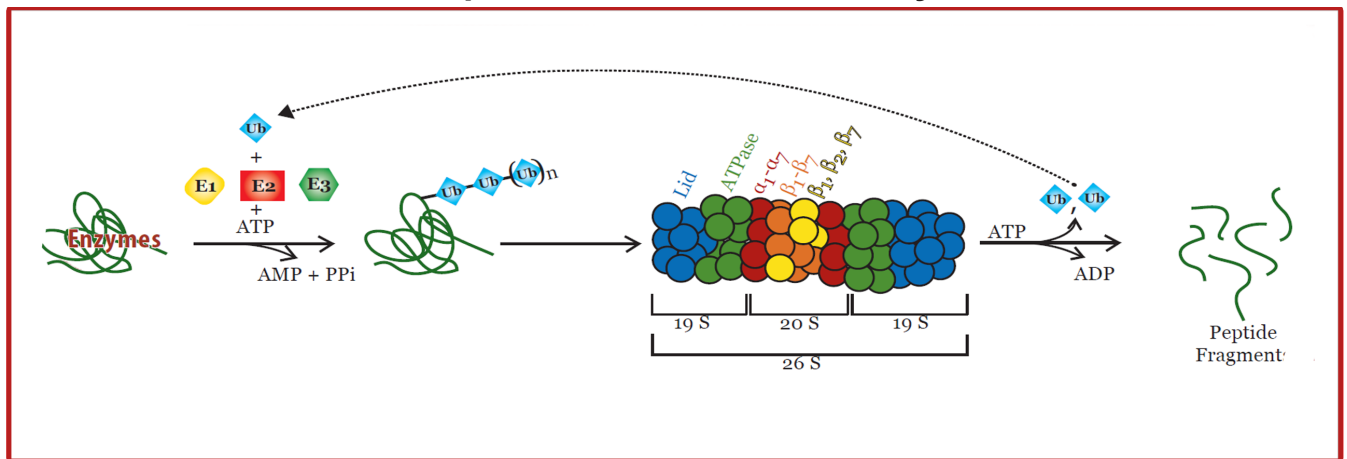
Ubiquitin Proteasome Pathway Products

The ubiquitin-proteasome pathway (UPP) is the primary cytosolic proteolytic machinery for the selective degradation of various forms of damaged proteins. Proteins tagged by ubiquitination (e.g., attachment of ubiquitin to the target molecule) are degraded in the proteasome, a complex intracellular structure composed of multiple enzymatic complexes, presiding over protein catabolism. The end products of its activity are, in fact, small peptides suitable for antigen presentation or amino acid residues that can be recycled within the cell.

The ubiquitin-proteasome system (UPS) has been increasingly recognized as a major system involved in several biological processes such as cell proliferation, adaptation to stress and cell death. The critical role that the Ubiquitin Proteasome Pathway (UPP) plays in cellular signaling coupled with increasing validation of the therapeutic potential of targets in this pathway is accelerating interest in this field among both academic and pharmaceutical researchers.

BioVision is pleased to offer a variety of reagents to the researchers doing research in the Ubiquitin Proteasome Pathway.

Ubiquitin Proteasome Pathway



Assay Kits

Product Name	Cat. No.	Size
Proteasome Activity Assay Kit	K245	100 assays

Antibodies

Product Name	Cat. No.	Size
E6AP Antibody	3744	100 µl
USP7 Antibody	3747	100 µl

Enzymes

Product Name	Cat. No.	Size
Isopeptidase T (Long form), human recombinant	4861	25 µg
Isopeptidase T (Short form), human recombinant	4862	25 µg

155 S. Milipitas Blvd, Milipitas, CA 95035

T: 408-493-1800 F: 408-493-1801

Toll Free: 800-891-9699 (US Only)



Enzymes

Product Name	Cat. No.	Size
UbcH1, human recombinant (GST-tag)	4846	10 µg, 100 µg
UbcH2, human recombinant (His-tag)	4848	100 µg
UbcH3, human recombinant (His-tag)	4849	100 µg
UbcH5a, human recombinant (His-tag)	4851	10 µg, 100 µg
UbcH5b, human recombinant (His-tag)	4852	10 µg, 100 µg
UbcH5c, human recombinant (His-tag)	4854	100 µg
Ubiquitin, human recombinant	4841	100 µg, 1 mg
UCHL1, human recombinant (GST-tag)	4855	50 µg

Substrates

Product Name	Cat. No.	Size
Nedd-AMC	4843	25 µg
Proteasome Substrate, Fluorogenic	1832	1 mg, 5 mg
Suc-Leu-Leu-Val-Tyr-AMC	1833	5 mg, 25 mg
Ubiquitin-AMC	4842	25 µg

Inhibitors

Proteasome Inhibitors

Product Name	Cat. No.	Size	CAS Number
(-)-Epigallocatechin Gallate	1841	50 mg	989-51-5
Celastrol	1940	5 mg, 25 mg	34157-83-0
Clasto-Lactacystin b-lactone	1710	100 µg	154226-60-5
Lactacystin	1709	200 µg	133343-34-7
MG-115	1831	1 mg, 5 mg	133407-86-0
MG-132	1703	5 mg, 25 mg	133407-82-6
EZSolution™ MG-132	1791	5 mg	133407-82-6
PS-341 (Bortezomib)	1846	1 mg, 5 mg	179324-69-7

Other Inhibitors

Product Name	Cat. No.	Size	CAS Number
PYR41	1925	5 mg, 25 mg	418805-02-4
USP14 Inhibitor, IU1	1845	5 mg, 25 mg	314245-33-5

Please visit www.BioVision.com for a comprehensive overview on our products!