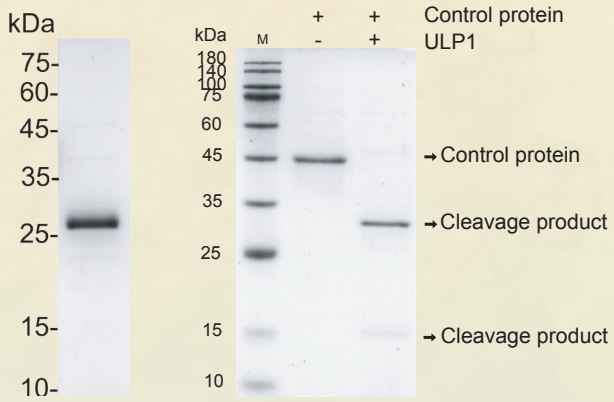
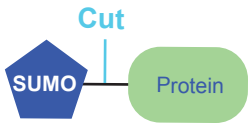
SUMO Protease Workflow for Protein Expression & Purification

SUMO fusion expression systems are widely used to improve the solubility and yield of recombinant proteins.CROYEZ provides reliable SUMO protease tools for precise tag removal, efficient protein purification, and process monitoring.

SUMO Protease (ULP1) (Active)

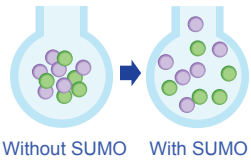
Precise cleavage of SUMO fusion proteins





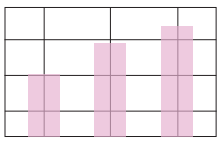
Precise SUMO Tag Cleavage

ULP1 specifically recognizes the SUMO tertiary structure to cleave fusion proteins and generate authentic N-termini.



Enhanced Protein Solubility

Improves folding and reduces aggregation of recombinant proteins.

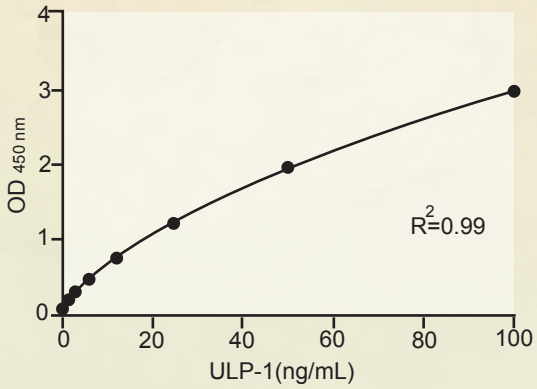


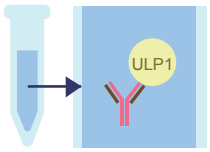
Higher Expression Yield

Difficult-to-express proteins often show increased production with SUMO tags.

SUMO Protease (ULP1) ELISA Kit

Sensitive detection of residual SUMO protease



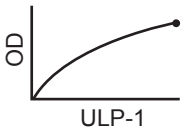


Residual Protease Detection

Sensitive ELISA detection of trace SUMO protease remaining in purified protein samples.

Purification Process Monitoring

Monitor residual ULP1 during downstream purification and ensure process quality in recombinant protein workflows.



Quantitative Detection

Quantitative Detection Generate a standard curve for accurate measurement of residual ULP1.

Applications

- *Recombinant protein production*
- *Subunit vaccine antigen purification*
- *Structural biology research*
- *Biopharmaceutical process development*
- *Downstream purification QC*

Cat#	Product	Package
C09009-2500U/bulk	SUMO Protease (ULP1) (Active)	2,500 U/Customized package
C13003-K01	SUMO Protease (ULP1) ELISA Kit	kit

CROYEZ Bioscience

Providing high-quality molecular biology tools for advanced life science research.

info@croyezbio.com

www.croyezbio.com