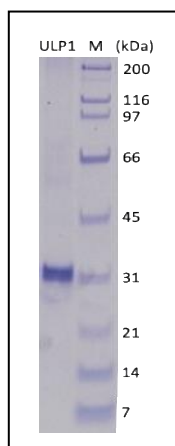


Recombinant ULP1 Protease

Catalog Number	Size
AG452-10	10ug
AG452-25	25ug
AG452-B	Bulk

Description



Recombinant yeast Ubiquitin-like-specific protease 1 (ULP1) was expressed in E coli system and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 236 (15+211) amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 31kDa.

MRGSHHHHHHGLVPRGSLVPELNEKDDQVQKALASRENTQLMNRDNIETVRDFKTLAPRRWLNDTIIIEFFMKYIEKSTPNTVAFNSFFYTNLSEGRYQGVRRWMKRKKTQIDKLDKIFTPINLNQSHWALGIIDLKKTIGYVDSLSNGPNAMSFALITDLQKYVMEESKHTIGEDFDLIHLDCPQQPNGYDCGIYVCMTLYGSADAPLDFDYKDAIRMRRFIAHLILTDAK*

Accession Number

1EUV_A

Molecular Mass

Approximately 31kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Recombinant yeast ULP1 protein can cleave behind the highly conserved Gly-Gly motif and has been used for the studies of the SUMO regulation system and fusion proteins.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

FOR RESEARCH USE ONLY!!!