



Recombinant Yeast SAP2 Protein Product Manual

1. Product Basic Information

Product No.: REP08158

Protein Name: Candidapepsin-2 (Ec 3.4.23.24) (Acp 2) (Aspartate Protease 2) (Secreted Aspartic Protease 2), Sap2 (SAP2)

Aliases: Candidapepsin-2 (EC 3.4.23.24) (ACP 2) (Aspartate protease 2) (Secreted aspartic protease 2), SAP2

UniProt ID: P0CS83

UniProt Link: <https://www.uniprot.org/uniprotkb/P0CS83/entry>

Species Source: Candida albicans (Yeast)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (57-398aa)

Molecular Weight: 42.4 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (57-398aa)

QAVPVTLHNEQVTYAADITVGSNNQKLNIVVDTGSSDLWVPDVNVDCQVTYSQDTA
DFCKQKGTYPSPGSSASQDLNTPFKIGYGDGSSSQGTLYKDTVGFGGVSIKNQVLA
DVDSTSIDQGILGVGYKTNEAGGSYDNVPVTLKKQGVIAKNAYSLEYLNSPDAATGQII
FGGVDNAKYSGLIALPVTSDRELRLSLGSVEVSGKTINTDNVDVLLDSGTTITYLQQ
DLADQIIKAFNGKLTQDSNGNSFYEVDCNLSGDVVFNFVSKNAKISVPASEFAASLQG
DDGQPYDKCQLLFDVNDANILGDNFLRSAYIVYDLDDNEISLAQVKYTSASSISALT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Yeast SAP2 full length of mature protein protein (57-398aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. SAP2, also known as Candidapepsin-2 (EC 3.4.23.24) (ACP 2) (Aspartate protease 2) (Secreted aspartic protease 2), SAP2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.