



Recombinant Human AMY1A Protein Product Manual

1. Product Basic Information

Product No.: REP06135

Protein Name: Alpha-Amylase Alpha-Amylase 1A (AMY1A)

Aliases: glycogenase; alpha-amylase alpha-amylase 1A; amylase alpha 1A; salivary alpha-amylase; salivary amylase alpha 1A; amylase alpha 1A (salivary); amylase, salivary, alpha-1A; 1,4-alpha-D-glucan glucanohy...

UniProt ID: P04745

UniProt Link: <https://www.uniprot.org/uniprotkb/P04745/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (16-511)

Molecular Weight:

Protein Tag: Tag type will be determined during the manufacturing process. The tag type will be determined during production process. If you have specified tag type, please tell us and we will develop the specified tag preferentially.

2. Amino Acid Sequence (16-511)

QYSSNTQQGRTSIVHLFEWRWVDIALECERYLAPKGFGGVQVSPPNENVAIHNPFR
PWWERYQPVSYKLCTRSGNEDEFNMVTRCANNVGVRIYVDAVINHMCNAVSAG
TSSTCGSYFNPGRDFPAVPYSGWDFNDGKCKTGSGDIENYNDATQVRDCRLSGL
LDLALGKDYVRSKIAEYMNHLIDIGVAGFRIDASKHMPGDIKAILDKLHNLNSNWFP
EGSKPFIYQEVIDLGGEPIKSSDYFGNGRVTEFKYGAKLGTVIRKWNGEKMSYLKN
WGEGWGFMPSDRALVFVDNHDNQRGHGAGGASILTFWDARLYKMAVGFMALHP
YGFTRVMSSYRWPRYFENGKDVNDWVGPPNDNGVTKEVTINPDTCGNDWVCEH
RWRQIRNMVNFRNVVDGQPFTNWDNGSNQVAFGRGNRGFVFNDDWTFSLTL
QTGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKAHFSISNSAEDPFIAIHAESKL

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)

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 Human AMY1A full length of mature protein protein (16-511) expressed in Yeast. AMY1A, also known as glycogenase or alpha-amylase alpha-amylase 1A or amylase alpha 1A, 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.