

Mouse Alpha-Amylase 1 (AMY1) Protein

Catalogue No.: abx065293

Recombinant Alpha-Amylase 1 (AMY1) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Alpha-Amylase 1 (AMY1)**Origin:** Mouse**Expression:** Recombinant**Tested Applications:** WB, SDS-PAGE**Host:** E. coli**Conjugation:** Unconjugated**Form:** Lyophilized**Purity:** > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P00687 ([UniProt](#), [ExPASy](#))**KEGG:** mmu:11722**String:** [10090.ENSMUSP00000070368](#)**Molecular Weight:** Calculated MW: 57.1 kDa**Sequence Fragment:** Gln16-Ile511

Datasheet

Version: 4.0.0
Revision date: 06 Jun 2025



Sequence: QYDPH TQYGRTAIVH LFEWRWVDIA KECERYLAPN GFAGVQVSPP NENIVVHSPS RPWWERYQPI
SYKICSRSGN EDEFRDMVNR CNNVGVRIYV DAVINHMCGV GAQAGQSSTC GSYFNPNNRD
FPGVPYSGFD FNDGKCRITAS GGIENYQDAA QVRDCRLSGL LDLALEKDYV RTKVADYMNH
LIDIGVAGFR LDASKHMWPG DIKAILDKLH NLNTKWFSQG SRPFIFQEV I DLGGEAVSSN
EYFGNGRVTE FKYGAKLGKV MRKWDGEKMS YLKNWGEWG LMPSDRALVF VDNHDNQRGH
GAGGASILTF WDARLYKMAV GFMLAHPYGF TRVMSSYYWP RNFQNGKDVN DWVGPPNNNG
KTKEVSINPD STCGNDWICE HRWRQIRNMV AFRNVVNGQP FANWWDNDSN QVAFGRGNKG
FIVFNDDWA LSETLQTGLP AGTYCDVISG DKVDGNCTGI KVVVGNDGKA HFSISNSAED
PFIAIHAESK I

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only