

Recombinant Human AMY2A protein, His-tagged

Cat. No. AMY2A-3520H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMY2A protein(162-511 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	162-511 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DIENYNDATQVRDCRLTGLLDLALEKDYVRSKIAEYMNHLIDIGVAGFRLDASKHMW PGDIKAILDKLHNLNSNWFPAGSKPFIYQEVIDLGGEPIKSSDYFGNGRVTEFKYGAK LGTVIRKWNGEKMSYLKNWGEGWGFVPSDRALVFVDNHDNQRGHGAGGASILTF WDARLYKMAVGFM LAHPYGFTRVMSSYRWPRQFQNGNDVNDWVGPPNNNGVIK EVTINPDTTGNDWVCEHRWRQIRNMVIFRNVDGQPFTNWDNGSNQVAFGRG NRGFIVFNDDWSFSLTLQTGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKAHFSIS NSAEDPFIHHAESKL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [AMY2A amylase, alpha 2A \(pancreatic\) \[Homo sapiens \]](#)

Official Symbol [AMY2A](#)

Synonyms AMY2A; amylase, alpha 2A (pancreatic); AMY2, amylase, alpha 2A; pancreatic; pancreatic alpha-amylase; glycogenase; alpha-amylase; found in the pancreas; pancreatic amylase 2A; pancreatic amylase alpha 2A; amylase, pancreatic, alpha-2A; 1,4-alpha-D-glucan glucanohydrolase; PA; AMY2; AMY2B;

Gene ID [279](#)

mRNA Refseq [NM_000699](#)

Protein Refseq [NP_000690](#)

MIM [104650](#)

UniProt ID [P04746](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA