

Product Data Sheet

Recombinant Human AMY2B Protein

Catalog #	Source	Reactivity	Applications
CRP1046	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human AMY2B Protein is produced by our mammalian expression system and the target gene encoding Gln16-Leu511 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	AMY2B		
Alternative Names	Alpha-amylase 2B; 14-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase		
Entrez Gene	280 (Human)		
SwissProt	P19961 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	QYSPNTQQGR TSIVHLFEWR WVDIALECER YLAPKGFGGV QVSPPNENVA IHNPFRPWWE RYQPVSYKLC TRSGNEDEFN NMVTRCANNVG VRIYVDAVIN HMSGNAVSAG TSSTCGSYFN PGSRDFPAVP YSGWDFNDGK CKTGSGDIEN YNDATQVRDC RLVGLLDLAL EKDYVRSKIA EYMNHLIDIG VAGFRLDASK HMWPGDIKAI LDKLHNLNSN WFPAGSKPFI YQEVIDLGGE PIKSSDYFGN GRVTEFKYGA KLGTVIRKWN GEKMSYLKNW GEGWGFMPSP RALVFVDNHD NQRGHGAGGA SILTFWDARL YKMAVGFMFLA HPYGFTRVMS SYRWPRQFQN GNDVNDWVGP PNNNGVIKEV TINPDTTCGN DWVCEHRWRQ IRNMVNFRNV VDGQPFTNWY DNGSNQVAFG RGNRGFIVFN NDDWTFSLTL QTGLPAGTYC DVISGDKING NCTGIKIYVS DDGKAHFSIS NSAEDPFAI HAESKLVDDH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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