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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AMY2A (Human) Recombinant Protein (P01)

Catalog Number: H00000279-P01

Regulation Status: For research use only (RUO)

Product Description: Human AMY2A full-length ORF (NP_000690.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKFFLLLFTIGFCWAQYSPNTQQGRTSIVHLFEWRWW
DIALECERYLAPKGFGGVQVSPNENVAIYNPFRPWW
ERYQPVSYKLCSTRSGNEDEFRNMMVTRCANNVGVRIYV
DAVINHMCNAVSAGTSSTCGSYFNPGSRDFPAVPYS
GWDFNDGKCKTGSGDIENYNDATQVRDCLTGLLDL
ALEKDYVRSKIAEYMNHLIDIGVAGFRLDASKHMWPG
DIKAILDKLHNLNSNWFPAGSKPFIYQEVIDLGGEPIKS
SDYFGNGRVTEFKYGAKLGTVIRKWNGEKMSYLKNW
GEGWGFVPSDRALVFVDNHDNQRGHGAGGASILTFW
DARLYKMAVGFMLAHPYGFTRVMSSYRWPRQFQNG
NDVNDWVGPPNNGVIKEVTINPDTCGNDWVCEHR
WRQIRNMVIFRNVVDGQPFTNWDNGSNQVAFGRGN
RGFIVFNDDWSFSLTLQTGLPAGTYCDVISGDKINGN
CTGIKIYVSDDGKAHFSISNSAEDPFIAIHAESKL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.1

Interspecies Antigen Sequence: Mouse (85); Rat (85)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 279

Gene Symbol: AMY2A

Gene Alias: AMY2, AMY2B, PA

Gene Summary: Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. [provided by RefSeq]

References:

1. Serological proteome analysis reveals new specific biases in the IgM and IgG autoantibody repertoires in autoimmune polyendocrine syndrome type 1. Dubucquoi S, Proust-Lemoine E, Kemp EH, Ryndak A, Lefevre-Dutoit V, Bellart M, Saugier-veber P, Duban-Deweere S, Wemeau J, Prin L, Lefranc D. Autoimmunity. 2015 Aug. 20. [Epub ahead of print]