

AMY2A Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP5415b**Specification****AMY2A Blocking Peptide (C-term) - Product Information**

Primary Accession [P04746](#)
Other Accession [P00690](#), [P19961](#),
[P04745](#),
[NP_000690.1](#)

AMY2A Blocking Peptide (C-term) - Additional Information**Gene ID 279****Other Names**

Pancreatic alpha-amylase, PA,
4-alpha-D-glucan glucanohydrolase, AMY2A

Target/Specificity

The synthetic peptide sequence is selected from aa 499-511 of HUMAN AMY2A

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AMY2A Blocking Peptide (C-term) - Protein Information**Name** AMY2A**Cellular Location**

Secreted, extracellular space.

Tissue Location**AMY2A Blocking Peptide (C-term) - Background**

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.

AMY2A Blocking Peptide (C-term) - References

Endo, T., et al. Diabetes 58(3):732-737(2009)
Baltova, S.D. Folia Med (Plovdiv) 47(1):37-41(2005)
Scheil, H.G., et al. Anthropol Anz 62(4):429-434(2004)
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Baltova, S., et al. Coll Antropol 28 SUPPL 2, 291-295 (2004) :
Jacob, M., et al. Biochem. Cell Biol. 70 (10-11), 1105-1114 (1992) :
Groot, P.C., et al. Genomics 8(1):97-105(1990)
Horii, A., et al. Gene 60(1):57-64(1987)
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Detected in pancreas (at protein level).

AMY2A Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)