



Product Data Sheet

Product Name: Peptide YY, human

Catalog Number: AS-24401 (0.5 mg) Lot Number: See label on vial
AS-24402 (1 mg)

Sequence: H-Tyr-Pro-Ile-Lys-Pro-Glu-Ala-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Leu-Asn-Arg-Tyr-Tyr-Ala-Ser-Leu-Arg-His-Tyr-Leu-Asn-Leu-Val-Thr-Arg-Gln-Arg-Tyr-NH₂ (3-letter code)
YPIKPEAPGEDASPEELNRYYYASLRHYLNLVTRQRY-NH₂
(1-letter code)

Molecular Weight: 4309.8

Peptide Purity: >95%

Appearance: Lyophilized white powder

Peptide Reconstitution: Peptide YY is freely soluble in water.

Storage: Peptide YY is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20 °C or lower.

Description: PYY is a 36-amino acid regulatory gut hormone present in endocrine cells in the intestine. This peptide acts both as an endocrine and a paracrine agent. Ref: Tatemoto, K. et al. *BBRC* **157**, 713 (1988); Halldén, G. and G. Aponte, *J. Biol. Chem.* **272**, 12591 (1997); Murphy, KG. and SR. Bloom, *Exp. Physiol.* **89**, 507 (2004); Batterham, R. et al. *Nature* **418**, 650 (2002); Gribble, F. et al. *Diabetes* **52**, 1147 (2003); Batterham, R. et al. *N. Engl. J. Med.* **349**, 941 (2003).

Related Products:

Name	Cat #	Size
Peptide YY (3-36), human	AS-24405	0.5 mg
IKPEAPGEDASPEELNRYYYASLRHYLNLVTRQRY-NH ₂	AS-24406	1mg

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