ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat# **SP-50401-1**
Description: Somatostatin-28
Sequence: Ser-Ala-Asn-Ser-Asn-Pro-Ala-Met-Ala-Pro-Arg-Glu-Arg-Lys-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys-OH (Disulfide bridge Cys17- CYs28); MW; 3148.6
Size: 0.5 mg
Purity: >95%
Store: Desiccated at -20oC.

All peptides are for in vitro research use only.

Somatostatin (also known as growth hormone inhibiting hormone (GHIH) or somatotropin release-inhibiting hormone (SRIF) is a peptide hormonethat regulates the endocrine systemand affects neurotransmissionand cell proliferationvia interaction with G-protein-coupledsomatostatin receptorsand inhibition of the release of numerous secondary hormones.Somatostatin has two active forms produced by alternative cleavage of a single preproprotein: one of 14 amino acids, the other of 28 amino acids.

Related Items

Catalog#	ProdDescription
PP-1700	Somatostatin Acetate
RP-1516	Somatostatin
SP-101330-1	"Somatostatin Tumor Inhibiting Analog (AA: D-β-Nal-Cys-Tyr-D-Trp-Lys-Val-Cys-Thr-NH2
SP-101557-5	[Cys2, Tyr3, Orn5, Pen7-amide]-Somatostatin 14 (7-14) [D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH2; MW:
SP-101558-1	[D-Phe7, D-Trp10]-Somatostatin 14 (7-14) [D-Phe-Cys-Tyr-D-Trp-Lys-Thr-Cys-Thr (Disulfide bridge: Cys2-Cys7);
SP-50401-1	Somatostatin-28 (Disulfide bridge Cys17- CYs28); MW; 3148.6]
SP-52221-1	Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-THr-Phe-Thr-Ser-Cys-OH (); MW: 1637.9]
SP-55136-1	Somatostatin 28 (1-14) [H-Ser-Ala-Asn-Ser-Asn-Pro-Ala-Met-Ala-Pro-Arg-Glu-Arg-Lys-OH; MW: 1528.72]
SP-55208-1	[Tyr11] Somatostatin [H-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-THr-Tyr-Thr-Ser-Cys-OH (Cys3-Cys14);
SP-55268-1	[Tyr1] Somatostatin [H-Tyr-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys-OH (Cys3-Cys14);
SP-55387-1	Somatostatin 28 (1-12) [H-Ser-Ala-Asn-Ser-Asn-Pro-Ala-Met-Ala-Pro-Arg-Glu-OH; MW: 1244.36]
SP-89820-1	Somatostatin-14 (reduced) (AA: Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys) (MW: 1639.91)
SP-89821-1	"Biotin-Somatostatin-14 (AA: Biotin-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys
SP-89822-5	"[Des-Ala1,des-Gly2,His4,5,D-Trp8]-Somatostatin-14 [Cys-His-His-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Ser-Cys
SP-89823-1	"[D-Phe7]-Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-D-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys
SP-89825-1	[D-Ser13]-Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-D-Ser-Cys; MW: 1637.91]
SP-89826-1	[D-Trp8]-Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Ser-Cys (MW: 1637.91]
SP-89827-1	[D-Trp8,D-Cys14]-Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Ser-D-Cys
SP-89828-1	Tyr-Somatostatin-14 (AA: Tyr-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-
SP-89829-1	[Tyr11]-Somatostatin-14 [Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Tyr-Thr-Ser-Cys
SP-89830-5	Somatostatin-14 (2-9) (AA: Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys) (MW: 1028.23)
SP-89831-5	Somatostatin-14 (3-10) (AA: Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr) (MW: 1073.28)
SP-89832-1	Somatostatin-14 (3-14) (AA: Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys (Disulfide bond))
SP-89833-5	Somatostatin-14 (7-14) (AA: Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys) (MW: 1019.19)
SP-89835-1	"Biotin-(Leu8,D-Trp22,Tyr25)-Somatostatin-28
SP-89836-1	[Leu8,D-Trp22,Tyr25]-Somatostatin-28
SP-89837-1	"Tyr-Somatostatin-28
SP-89838-5	[Tyr12]-Somatostatin-28 (1-14) [Ser-Ala-Asn-Ser-Asn-Pro-Ala-Met-Ala-Pro-Arg-Tyr-Arg-Lys; MW 1562.78]

SP-50401-1 101110A

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