

Rev03
Update: Feb,10,2022

DATASHEET

Neurokinin B

Cat. No.: RP10517

Overview

Synonyms	NKB
Description	Neurokinin B belongs to the tachykinin family. Neurokinin B may play an important role in the olfactory, gustatory, visceral, and neuroendocrine processing information. Neurokinin B is potent bronchioconstrictor and has neuroendocrine roles in various brain functions. Neurokinin B is a member of the tachykinin family of neuropeptides that also includes Substance P and Neurokinin A. These carboxyl terminal-amidated peptides are derived from two preprotachykinin genes - the PPT-A gene encodes the sequences of Substance P, Neurokinin A, and neuropeptide K and the PPT-B gene encodes the sequence of Neurokinin B. Neurokinin B stimulate the production of immunoglobulins in peripheral B lymphocytes, This conditional response to Neurokinin B is likely due NK-3 receptors present only following co-culture and activation.
Cas No	86933-75-7
Sequence	{ASP}{MET}{HIS}{ASP}{PHE}{PHE}{VAL}{GLY}{LEU}{MET}-NH ₂
Sequence Shortening	DMHDFVGLM-NH ₂
Molecular Formula	C ₅₅ H ₇₉ N ₁₃ O ₁₄ S ₂
C Terminal	NH ₂
Molecular Weight	1210.42

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Store at -20°C.
Note	Novel mammalian Tachykinin in Porcine spinal cord.