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TAC1, 20-129aa, Human, His tag, E.coli

产品货号: TP04131

第三版

别名: Protachykinin-1, Protachykinin 1, 4930528L02Rik, NK-1, NK1, Nka, Nkna, Neurokinin 2, Neurokinin A, Neurokinin alpha, Neuromedin L, Neuropeptide K, Substance P, Tachykinin precursor 1

描述: TAC1, also known as protachykinin 1, is a member of the tachykinin peptide hormone family. TAC1 are a family of peptides that have similar biologic activities and share a common C-terminal sequence, phe-X-gly-leu-met-NH₂, but have distinct N-terminal sequences that convey receptor specificities. TAC1 is thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. It is known to induce behavioral responses and function as vasodilators and secretagogues. Recombinant human TAC1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 2M Urea

分子量: 15.6 kDa (135aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMEEIGANDDLNYWSDWYDSDQIKEELPEPFEHLLQRIARRPKPQQFFGLMGKRD
ADSSIEKQVALLKALYGHGQISHKRHKTDTSFVGLMGKRALNSVAYERSAMQNYERRR

纯度: > 95% by HPLC

浓度: 1.0 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.