

Vasostatin 2, 19-131aa, Human, Recombinant, E.coli

Cat.NO.: TP04457

3th Edition

Synonyms:Chromogranin A, Vasostatin 2, beta Granin, CGA, CHG A, CHGA, ChromograninA, Chromogranin A parathyroid secretory protein 1, Chromogranin A precursor, Pancreastatin, Parastatin, Parathyroid secretory protein 1.

Description:Vasostatin 2 is the N-terminal fragment (19-131 aa) derived from the cleavage of chromogranin A (CgA) which is a member of the chromogranin/secretogranin(granins) family of neuroendocrine secretory proteins. Vasostatin 2 has been shown to exert several biological activities on several tissues and organs and exerts a large spectrum of homeostatic actions, including antifungal and antimicrobial effect, modulation of cell adhesion, and inhibition of parathyroid hormone secretion. Recombinant human Vasostatin 2 protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:12.8 kDa (114aa), confirmed by MALDI-TOF.

Sequences:

MLPVNSPMNKGDTEVMKCIIVEVISDTLSKPSMPVVSQECFETLRGDERILSILRHQNLKELQDLALQGAKERAHQQ
KKHSGFEDELSEVLENQSSQAELKEAVEEPSSKDVME

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.