

Product information



Vasostatin 2 , 19-131aa

Human, Recombinant, *E.coli*

Cat. No. IBATGP0309

Synonyms: Chromogranin A

NCBI Accession No.: NP_001266

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.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol</p> <p>Molecular Weight: 12.8 kDa (114aa)</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p> <p>Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)</p>	<p>(kDa)</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3µg)</p>
<p>Sequences of amino acids:</p> <p>MLPVNSPMNK GDTEVMKCIV EVISDTLSKP SPMPVSQECF ETLRGDERIL SILRHQNLK ELQDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEK KEAVEEPSSK DVME</p>	

General references:

Tota BW., *et al.* (2008). *Curr Med Chem.* **15**(14):1444-51

Blois A., *et al.* (2006). *Regul pept.* **134**(1):30-7

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.