

AR09190PU-N**Recombinant human CHGA (Vasostatin-2 chain) (aa 19-131)**

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| Alternate names: | CgA, Chromogranin-A, SP-I, Vasostatin II |
| Quantity: | 0.1 mg |
| Concentration: | 1 mg/ml (determined by Bradford assay) |
| Background: | 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. |
| Uniprot ID: | P10645 |
| NCBI: | NP_001266 |
| GeneID: | 1113 |
| Species: | Human |
| Source: | E. coli |
| Format: | State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method) |
| Description: | Recombinant human Vasostatin 2 protein was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MLPVNSPMNK GDTEVMKCIV EVISDTLSKP SPMPVSQECF ETLRGDERIL SILRHQNLK ELQDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEEL KEAVEEPSSK DVME Molecular weight: 12.8 kDa (114 aa) |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | Tota BW., et al. (2008). Curr Med Chem. 15(14):1444-51. Blois A., et al. (2006). Requil pept. 134(1):30-7. |

Pictures:

Vasostatin 2, 19-131 aa human,
recombinant: 15% SDS-PAGE (3 µg)

