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32-3523: CHGA Recombinant Protein

Alternative Name : CGA,CHGA,Vasostatin-2,Pituitary secretory protein I,SP-I.

Description

Source : Escherichia Coli. Recombinant Human CHGA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (19-131 a.a) and having a molecular mass of 12.8 kDa. Chromgranin-A is purified by proprietary chromatographic techniques. Chromgranin-A is part of the neuroendocrine secretory protein family. CHGA is located in secretory vesicles of neurons and endocrine cells. Chromgranin-A is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. Chromgranin-A has numerous biological activities on some 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by analysis by SDS-PAGE.
Content :	The CHGA protein contains 20mM Tris-HCl buffer pH-8, and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MLPVNSPMNK GDTEVMKCIV EVISDTLSKP SPMPVSQECF ETLRGDERIL SILRHQNLLK ELQDLALQGA KERAHQQKKH SGFEDELSEV LENQSSQAEL KEAVEEPSSK DVME.

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