



Product Datasheet

Product Name	Chromogranin A Human Recombinant, GST Tag
Cata No	CB501107
Source	<i>Escherichia Coli.</i>
Synonyms	Chromogranin-A, CgA, Pituitary secretory protein I, SP-I, CHGA.

Description

Chromogranin A (a protein of 439 amino acid which is encoded on chromosome 14) is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors.

Coexpression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms.

Chromogranin A Human Recombinant (260-454 amino acids) expressed in E.coli, shows a 47kDa band on SDS-PAGE.

The Chromogranin A is fused to a 26kDa GST-tag and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Chromogranin A at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please prevent freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting