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32-13151: CHGA Human, HEK

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

Description

Source: HEK293 cells.
Filtered White lyophilized (freeze-dried) powder.
Chromogranin A is a 439 amino acid protein which is encoded on chromosome 14 and 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, phenochromocytomas, paragangliomas, and other neuroendocrine tumors. Coexpression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms.
CHGA Human Recombinant is a single, glycosylated polypeptide chain containing 445 amino acids (19-457a.a) and having a molecular mass of 49.7kDa (calculated). CHGA is fused to a 6 a.a His tag at C-terminal.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CHGA filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS, pH 7.5. It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	LPVNSPMNKG DTEVMKCIVE VISDTLSKPS PMPVSQECFE TLRGDERILS ILRHQNLLKE LQDLALQGAK ERAHQQKKHS GFEDELSEVL ENQSSQAELK EAVEEPSSKD VMEKREDSKE AEKSGEATDG ARPQALPEPM QESKAEGNNQ APGEEEEEEE EATNTHPPAS LPSQKYPGPQ AEGDSEGLSQ GLVDREKGLS AEPGWQAKRE EEEEEEEEAE AGEEAVPEEE GPTVVLNPHP SLGYKEIRKG ESRSEALAVD GAGKPGAEEA QDPEGKGEQE HSQQKEEEEE MAVVPQGLFR GGKSGELEQE EERLSKEWED SKRWSKMDQL AKELTAEKRL EGQEEEEDNR DSSMKLSFRA RAYGFRGPGP QLRRGWRPSS REDSLEAGLP LQVRGYPEEK KEEEGSANRR PEDQELESLS AIEAELEKVA HQLQALRRGH HHHHH

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