9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CHGA Human, HEK

Chromogranin A Human Recombinant, HEK
RCP0421

Product Overview

Name	CHGA Human, HEK
Description	
Chromogranin A Human Recombinant, HEK	
Accession (Primary)	P10645
Synonyms	
CHGA, CGA, Chromogranin-A, Vasostatin I, SP-I, Pituitary secretory protein I.	
Introduction	
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.	
Source	
HEK293 cells.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
CHGA filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS, pH 7.0.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
LPVNSPMNKG DTEVMKCIVE VISDTLSKPS PMPVSQECFE TLRGDERILS ILRHQNLLKE LQDLALQGAK ERAHQQKKHS GFEDELSEVL ENQSSQAELK EAVEEPSSKD VMEKREDSKE AEKSGEATDG ARPQALPEPM QESKAEGNNQ APGEEEEEEE EATNTHPPAS LPSQKYPGPQ AEGDSEGLSQ GLVDREKGLS AEPGWQAKRE	

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EEEEEEEEAE AGEEAVPEEE GPTVVLNPHP SLGYKEIRKG ESRSEALAVD GAGKPGAEEA QDPEGKGEQE HSQQKEEEEE MAVVPQGLFR GGKSGELEQE EERLSKEWED SKRWSKMDQL AKELTAEKRL EGQEEEEDNR DSSMKLSFRA RAYGFRGPGP QLRRGWRPSS REDSLEAGLP LQVRGYPEEK KEEEGSANRR PEDQELESLS AIEAELEKVA HQLQALRRG H HHHHH

Solubility

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.

Precautions

CHGA Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10645)