

Datasheet for ABIN667739

Chromogranin A Protein (CHGA) (AA 19-457) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Chromogranin A (CHGA)
Protein Characteristics:	AA 19-457
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chromogranin A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Chromogranin-A , 19-457aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	Chromogranin A (CHGA)
Alternative Name:	Chromogranin-A (CHGA Products)
Background:	<p>Chromogranin A is a member of the chromogranin/secretogranin (granins) family of neuroendocrine secretory proteins. Chromogranin A (CgA) represents the major soluble protein co-stored and co-released with catecholamines, within chromaffin cells secretory granules.</p> <p>Chromogranin A is the precursor to several functional peptides including vasostatin, pancreastatin, catestatin and parastatin. It is considered a diagnostic and prognostic marker of</p>

Target Details

several diseases, including a variety of tumours and cardiac heart failure. Recombinant human Chromogranin A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: CgA, CHGA, Pituitary secretory protein I (SP1), Chromogranin-A , beta Granin, CHG A, Chromogranin A precursor, SP I, Chromogranin A parathyroid secretory protein 1, ChromograninA, Pancreastatin, Parastatin, Parathyroid secretory protein 1, SP1, SPI, Vasostatin, Pituitary secretory protein I,. NCBI no.: NP_001266

Molecular Weight: 51.2 kDa (460aa) (Molecular weight on SDS-PAGE will appear higher)

Pathways: [Negative Regulation of Hormone Secretion](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

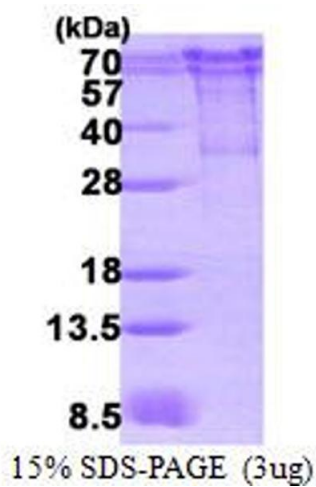
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM MES buffer (pH 6.0) containing 2mM EDTA, 0.1mM PMSF, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.