

Chromogranin-A, 19-457aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01618

3th Edition

Synonyms:CgA, CHGA, Pituitary secretory protein I (SP1)

Description: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.

Form:20mM Tris-HCl (ph.7.5) containing 2mM EDTA, 0.1mM PMSF, 10% Glycerol.

Molecular Weight:51.2 kDa (460aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMLPVNSPMNKGDTVMKCIVEVISDTLSKPSMPVVSQECFETLRGDERILSILRHQ
NLLKELQDLALQGAKERAHQKKHSGFEDELSEVLENQSSQAEKAVEEPSSKDVMEKREDSKEAEKSGEATDG
ARPQALPEPMQESKAEGNNQAPGEEEEEEEEATNTHPPASLPSQKYPGPAEGDSEGLSQGLVDREKGLSAEPG
WQAKREEEEEEEEEAEAGEEAVPEEEGPTVVLNPHPSLGYKEIRKGESRSEALAVDGAGKPGAEAAQDPEGKGE
QEHSQQKEEEEEEMAVVPQGLFRGGKSGELEQEEERLSKEWEDSKRWSKMDQLAKELTAEKRLEGQEEEEEDNRD
SSMKLSFRARAYGFRGPGPQLRRGWRPSSREDSLEAGLPLQVRGYPEEKKEEEGSANRRPEDQELESLSAIEAEL
EKVAHQLQALRRG

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.